		DEPARTMENT	TATE OF UTAH OF NATURAL RES OF OIL, GAS AND I				FORI	
APPLI	CATION FOR	PERMIT TO DRILI	L			1. WELL NAME and Peter's Poin	NUMBER t Unit Federal 13-31	D-12-17
2. TYPE OF WORK  DRILL NEW WELL (	REENTER P8	&A WELL ( DEEPE	EN WELL			3. FIELD OR WILDO	AT UNDESIGNATED	
4. TYPE OF WELL Gas We		ped Methane Well: NO				5. UNIT or COMMUN	NITIZATION AGRE	EMENT NAME
6. NAME OF OPERATOR	BILL BARR					7. OPERATOR PHON		
8. ADDRESS OF OPERATOR 1099 18	th Street Ste 23	300, Denver, CO, 80202	<u> </u>			9. OPERATOR E-MA	IL er@billbarrettcorp.co	om
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE)		11. MINERAL OWNE	ERSHIP	<u> </u>		12. SURFACE OWNE	RSHIP	
UTU0737  13. NAME OF SURFACE OWNER (if box 12	= 'fee')	FEDERAL( INC	DIAN 🗍 STATE (	U/ F	EE 💮	FEDERAL INC	DIAN STATE (	~ ~
15. ADDRESS OF SURFACE OWNER (if box						16. SURFACE OWNE		
13. ADDRESS OF SURFACE OWNER (II DOX	12 - 166 )						.K E-MAIL (II DOX 1	12 - 1ee )
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')		18. INTEND TO COM	IONS			19. SLANT		_
		YES ( (Submit C	Commingling Applicat	ion) N	0 🚇	VERTICAL DIR	ECTIONAL 📵 H	ORIZONTAL ()
20. LOCATION OF WELL	FC	OOTAGES	QTR-QTR	SE	CTION	TOWNSHIP	RANGE	MERIDIAN
LOCATION AT SURFACE	290 FS	SL 545 FWL	SWSW		31	12.0 S	17.0 E	S
Top of Uppermost Producing Zone	467 FS	SL 591 FWL	SWSW		31	12.0 S	17.0 E	S
At Total Depth	652 FS	SL 642 FWL	SWSW		31	12.0 S	17.0 E	S
		22 DICTANCE TO N	EADEOT LEAGE LTA	IE (Eggi	:)	23. NUMBER OF AC	RES IN DRILLING	UNIT
21. COUNTY CARBON		22. DISTANCE TO N	IEAREST LEASE LIN 642	ir (i ee			40	
		25. DISTANCE TO N (Applied For Drilling	642 IEAREST WELL IN S		OOL	26. PROPOSED DEP		
		25. DISTANCE TO N	642 IEAREST WELL IN S g or Completed) 1250		DOL		TH: 7200 TVD: 7200	
CARBON  27. ELEVATION - GROUND LEVEL		25. DISTANCE TO N (Applied For Drilling) 28. BOND NUMBER	642 IEAREST WELL IN S g or Completed) 1250		DOL	MD:	TH: 7200 TVD: 7200 ILLING WATER / PROVAL NUMBER I	
CARBON  27. ELEVATION - GROUND LEVEL	ARE ATTACH	25. DISTANCE TO N (Applied For Drilling) 28. BOND NUMBER	G42  IEAREST WELL IN S g or Completed) 1250  WYB000040  TTACHMENTS	SAME PO		29. SOURCE OF DRI WATER RIGHTS API	TH: 7200 TVD: 7200  [LLING WATER / PROVAL NUMBER I Nine Mile Creek	F APPLICABLE
CARBON  27. ELEVATION - GROUND LEVEL  6749		25. DISTANCE TO N (Applied For Drilling) 28. BOND NUMBER  A  IED IN ACCORDAN	IEAREST WELL IN S g or Completed) 1250  WYB000040  TTACHMENTS	TAH O	IL AND G	29. SOURCE OF DRI WATER RIGHTS API	TH: 7200 TVD: 7200  [LLING WATER / PROVAL NUMBER I Nine Mile Creek	F APPLICABLE
CARBON  27. ELEVATION - GROUND LEVEL 6749  VERIFY THE FOLLOWING	LICENSED SUF	25. DISTANCE TO N (Applied For Drilling) 28. BOND NUMBER  A  IED IN ACCORDAN  RVEYOR OR ENGINEE	WYB000040  TTACHMENTS  ICE WITH THE U	TAH O	IL AND G	29. SOURCE OF DRI WATER RIGHTS API	TH : 7200 TVD: 7200  ILLING WATER / PROVAL NUMBER I Nine Mile Creek  ON GENERAL RU	F APPLICABLE
CARBON  27. ELEVATION - GROUND LEVEL 6749  VERIFY THE FOLLOWING  WELL PLAT OR MAP PREPARED BY	LICENSED SUF	25. DISTANCE TO N (Applied For Drilling) 28. BOND NUMBER  A  HED IN ACCORDAN  RVEYOR OR ENGINEE  EEMENT (IF FEE SURF	G42  IEAREST WELL IN S g or Completed) 1250  WYB000040  TTACHMENTS  ICE WITH THE U	TAH O	IL AND G	29. SOURCE OF DRI WATER RIGHTS API	TH : 7200 TVD: 7200  ILLING WATER / PROVAL NUMBER I Nine Mile Creek  ON GENERAL RU	F APPLICABLE
VERIFY THE FOLLOWING  WELL PLAT OR MAP PREPARED BY  AFFIDAVIT OF STATUS OF SURFACE  DIRECTIONAL SURVEY PLAN (IF DI	LICENSED SUF	25. DISTANCE TO N (Applied For Drilling) 28. BOND NUMBER  A  HED IN ACCORDAN  RVEYOR OR ENGINEE  EEMENT (IF FEE SURF	G42  IEAREST WELL IN S g or Completed) 1250  WYB000040  TTACHMENTS  ICE WITH THE U  R  FACE)  FORI	TAH O	IL AND G DRILLING OPERATOR	29. SOURCE OF DRI WATER RIGHTS API	TH : 7200 TVD: 7200  ILLING WATER / PROVAL NUMBER I Nine Mile Creek  ON GENERAL RU	F APPLICABLE
CARBON  27. ELEVATION - GROUND LEVEL 6749  VERIFY THE FOLLOWING  WELL PLAT OR MAP PREPARED BY  AFFIDAVIT OF STATUS OF SURFACE  DIRECTIONAL SURVEY PLAN (IF DIDRILLED)	LICENSED SUF E OWNER AGRE RECTIONALLY	25. DISTANCE TO N (Applied For Drilling) 28. BOND NUMBER  A  HED IN ACCORDAN  RVEYOR OR ENGINEE EMENT (IF FEE SURF OR HORIZONTALLY	G42  IEAREST WELL IN S g or Completed) 1250  WYB000040  TTACHMENTS  ICE WITH THE U  R  FACE)  FORI	TAH O	IL AND G DRILLING OPERATOR HICAL MAR	29. SOURCE OF DRI WATER RIGHTS API	TH : 7200 TVD: 7200  ILLING WATER / PROVAL NUMBER I Nine Mile Creek  ON GENERAL RU	F APPLICABLE
VERIFY THE FOLLOWING  WELL PLAT OR MAP PREPARED BY  AFFIDAVIT OF STATUS OF SURFACE  DIRECTIONAL SURVEY PLAN (IF DIDRILLED)  NAME Elaine Winick	LICENSED SUF	25. DISTANCE TO N (Applied For Drilling) 28. BOND NUMBER  ATTED IN ACCORDAN  RVEYOR OR ENGINEE  EMENT (IF FEE SURF  OR HORIZONTALLY  TITLE Sr. Permit Analy	G42  IEAREST WELL IN S g or Completed) 1250  WYB000040  TTACHMENTS  ICE WITH THE U  R  FACE)  FORI	TAH O	DRILLING OPERATOR HICAL MAR PHONE 3 EMAIL ex	29. SOURCE OF DRI WATER RIGHTS API	TH : 7200 TVD: 7200  ILLING WATER / PROVAL NUMBER I Nine Mile Creek  ON GENERAL RU	F APPLICABLE

API Well No: 43007500260000 Received: 6/29/2010

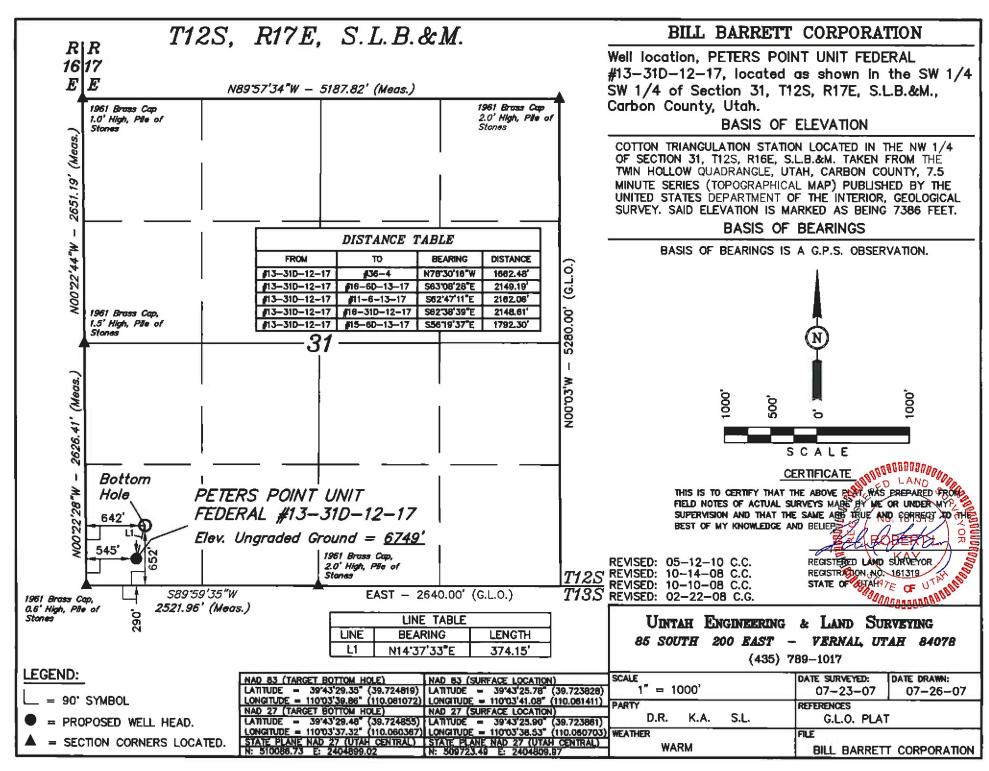
		Proposed Hole, Ca	sing, and Cement		
String	Hole Size	<b>Casing Size</b>	Top (MD)	Bottom (MD)	
Cond	26	16	0	40	
Pipe	Grade	Length	Weight		
	Unknown	40	65.0		

API Well No: 43007500260000 Received: 6/29/2010

	Prop	osed Hole, Casing, a	nd Cement		
String	Hole Size	Casing Size	Top (MD)	Bottom (MD)	
Prod	8.75	4.5	0	8000	
Pipe	Grade	Length	Weight		
	Grade N-80 LT&C	7200	11.6		

API Well No: 43007500260000 Received: 6/29/2010

	Prop	osed Hole, Casing, a	nd Cement		
String	Hole Size	Casing Size	Top (MD)	Bottom (MD)	
Surf	12.25	9.625	0	1000	
Pipe	Grade	Length	Weight		
	Grade K-55 ST&C	1000	36.0		





## Weatherford International Ltd.

Planning Report



Database: Company: Project: Site: Well:

EDM 2003.21 Single User Db BILL BARRETT CORP

CARBON COUNTY, UT (NAD 27) PETERS POINT 13-31D PAD **PETERS POINT UF 13-31D-12-17** 

**PETERS POINT UF 13-31D-12-17** Wellbore:

Design: Design #1 Local Co-ordinate Reference:

TVD Reference: MD Reference:

North Reference: Survey Calculation Method: Well PETERS POINT UF 13-31D-12-17 WELL @ 6759.30ft (Original Well Elev) WELL @ 6759.30ft (Original Well Elev)

True

Minimum Curvature

Project

CARBON COUNTY, UT (NAD 27)

Map System: Geo Datum:

US State Plane 1927 (Exact solution) NAD 1927 (NADCON CONUS)

Map Zone:

Utah Central 4302

System Datum:

Mean Sea Level

Using geodelic scale factor

Site

PETERS POINT 13-31D PAD

Site Position: From:

LaVLong

Northina: Easting: Slot Radius:

509,657,84 R 2,404,780.90 ft

Latitude:

Longitude:

Grid Convergence:

39° 43' 25.260 N 110° 3' 38.920 W

0.92 °

Well

**PETERS POINT UF 13-31D-12-17** 

0.00 R

**Well Position** +E/-W

Position Uncertainty:

64.74 ft 30.47 ft Northing: Easting:

6/11/2010

509,723.06 ft 2,404,810,32 ft

Latitude: Longitude:

39° 43' 25.900 N 110° 3' 38,530 W

52,166

**Position Uncertainty** 

0.00 ft

Wellhead Elevation:

ft

Ground Level:

65.58

6,743,30 ft

Wellbore

**PETERS POINT UF 13-31D-12-17** 

BGGM2010

Magnetics **Model Name** 

Design #1

Sample Date

Declination (°)

Dip Angle (°)

Field Strength

(nT)

Design

**Audit Notes:** 

Version:

Phase:

PLAN

Tie On Depth:

11.43

0.00

Vertical Section:

Depth From (TVD) (ft)

0.00

+N/-S (ft) 0.00

+E/-W (ft) 0.00

Direction

(") 14.63

Plan Section: Measured Depth (ft)	s Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ff)	Bulld Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Terget
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,060.00	0.00	0.00	1,060.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,528.17	7.02	14.63	1,527.00	27.73	7.24	1.50	1.50	0.00	14.63	
4,121.63	7.02	14.63	4,101.00	334.53	87.31	0.00	0.00	0.00	0.00	
4,589.80	0.00	0.00	4,568.00	362.25	94.55	1.50	-1.50	0.00	180.00	
7,079.80	0.00	0.00	7,058.00	362.25	94.55	0.00	0.00	0.00	0.00	PBHL PETERS PO

# 'APIWellNo:43007500260000'

## Weatherford International Ltd.

Planning Report



Database: Company: Project: Site: Well: Wellbore: EDM 2003.21 Single User Db BILL BARRETT CORP CARBON COUNTY, UT (NAD 27) PETERS POINT 13-31D PAD PETERS POINT UF 13-31D-12-17 PETERS POINT UF 13-31D-12-17

**Bill Barrett Corporation** 

Local Co-ordinate Reference: TVD Reference: MD Reference: North Reference: Survey Calculation Method: Well PETERS POINT UF 13-31D-12-17 WELL @ 6759.30ft (Original Well Elev) WELL @ 6759.30ft (Original Well Elev) True Minimum Curvature

Design:	Design #1								
lanned Survey									
Measured Depth (ft)	Inclination (*)	Azimuth	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (*/100ft)	Build Rate (*/100ft)	Turn Rete (°/100ft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00 200.00	0.00 0.00	0.00 0.00	100.00 200.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00
400.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	0.00	0.00
500.00	0.00	0.00	500.00	0.00	0.00	0.00	0.00	0.00	0.00
600.00 700.00	0.00	0.00 0.00	600.00 700.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00
800.00	0.00	0.00	800.00	0.00	0.00	0.00	0.00	0.00	0.00
900.00	0.00	0.00	900.00	0.00	0.00	0.00	0.00	0.00	0,00
9 5/8"									
1,000.00	0.00	0.00	1,000.00	0.00	0.00	0.00	0.00	0.00	0.00
Start Bulle									
1,060.00	0.00	0.00	1,060.00	0.00	0.00	0.00	0.00	0.00	0.00
1,100.00 1,200.00	0.60 2.10	14.63 14.63	1,100.00 1,199.97	0.20 2.48	0.05 0.65	0.21 2.57	1.50 1.50	1,50 1,50	0,00 00.0
1,300.00	3.60	14.63	1,299.84	7.29	1.90	7,54	1.50	1.50	0.00
1,400.00	5.10	14.63	1,399.55	14,63	3.82	15.12	1.50	1.50	0.00
1,500.00	6.60	14.63	1,499,03	24.49	6.39	25.31	1.50	1.50	0.00
	.45 hold at 152		4 507 05	07.70		60.05			2.22
1,528.17 1,600.00	7.02 7.02	14.63 14.63	1,527.00 1,598.29	27.73 36.22	7.24 9.45	28.66 37,44	1.50 0.00	1.50 0.00	0,00 0,00
1,700.00	7.02	14.63	1,697.54	48.05	12.54	49.66	0.00	0.00	0.00
1,800.00	7.02	14.63	1,796,79	59.88	15.63	61,89	0.00	0.00	0.00
1,900.00	7.02	14.63	1,896.04	71,71	18.72	74.12	0.00	0.00	0.00
2,000.00	7.02	14.63	1,995.29	83.54	21.80	86.34	0.00	0.00	0.00
2,100.00 2,200.00	7.02 7.02	14.63 14.63	2,094.54 2,193.79	95.37 107.20	24.89 27.98	98.57 110.79	0.00 0.00	0.00 0.00	0.00 0.00
2,300.00	7.02	14.63	2,293.04	119.03	31.07	123.02	0.00	0.00	0.00
2,400.00	7.02	14.63	2,392.29	130.86	34.15	135.25	0.00	0.00	0.00
2,500.00	7.02	14.63	2,491.54	142.69	37.24	147.47	0.00	0.00	0.00
2,600.00	7.02	14.63	2,590.79	154.52	40.33	159.70	0.00	0.00	0.00
2,700.00	7.02	14.63	2,690.04	166.35	43.42	171.92	0.00	0.00	0.00
WASATCH		44.00	0.700.00	477.40	10.01	400.00	0.00	0.00	0.00
2,793.66 2,800.00	7.02 7.02	14.63 14.63	2,783.00 2,789.29	177.43 178.18	46.31 46.50	183.38 184.15	0.00 0.00	0,00 0,00	0.00 0.00
2,900.00	7.02	14.63	2,888.54	190.01	49.59	196.38	0.00	0.00	0.00
3,000.00	7.02	14.63	2,987.79	201.84	52.68	208.60	0.00	0.00	0.00
3,100.00	7.02	14.63	3,087.04	213.67	55.77	220.83	0.00	0.00	0.00
3,200,00	7.02	14.63	3,186.29	225.50	58.85	233.05	0.00	0.00	0.00
3,300.00	7.02	14.63	3,285.54	237.33	61.94	245.28	0.00	0.00	0.00
3,400.00 3,500.00	7.02 7.02	14.63 14.63	3,384.79 3,484.04	249.16 260.99	65.03 68.12	257.51 269.73	0.00 0.00	0.00 0.00	0.00 0.00
3,600.00	7.02	14.63	3,583.29	272.82	71,20	281.96	0.00	0.00	0.00
3,700.00	7.02	14.63	3.682.54	284.65	74.29	294.18	0.00	0.00	0.00
3,800.00	7.02	14.63	3,781.79	296.48	77,38	306.41	0.00	0.00	0.00
3,900.00	7.02	14.63	3,881.04	308.31	80,47	318.64	0.00	0.00	0.00
4,000.00 4,100.00	7.02 7.02	14.63 14.63	3,980.29 4,079.53	320.14 331.97	83.55 86.64	330.86 343.09	0.00 0.00	0.00 0.00	0.00 0.00
		14.00	7,013,00	551.57	40,04	5-0,04	0.00	0.00	0.00
Start Drop 4,121,63	7.02	14.63	4.101.00	334.53	87.31	345.73	0.00	0.00	0.00
4,200.00	5.85	14.63	4,178.88	343,02	89.53	354.52	1.50	-1.50	0.00
4,300.00	4.35	14.63	4,278.48	351.62	91.77	363.40	1.50	-1.50	0.00
4,400.00	2.85	14.63	4,378.28	357.69	93.35	369.67	1.50	-1.50	0.00

## **Bill Barrett Corporation** Database: Company: Project:

## Weatherford International Ltd.

Planning Report



Site: Well:

Wellbore: Design:

EDM 2003.21 Single User Db BILL BARRETT CORP

CARBON COUNTY, UT (NAD 27) PETERS POINT 13-31D PAD **PETERS POINT UF 13-31D-12-17 PETERS POINT UF 13-31D-12-17** 

Design #1

Local Co-ordinate Reference: TVD Reference: MD Reference:

North Reference: Survey Calculation Method: WELL @ 6759.30ft (Original Well Elev) WELL @ 6759.30ft (Original Well Elev) True

Well PETERS POINT UF 13-31D-12-17

Minimum Curvature

		Design #1								
lanne	d Survey									
1	Measured Depth (fi)	Inclination (*)	Azlmuth (°)	Vertical Depth (ft)	+N/-S (R)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (*/100ft)	Build Rate (*/100ft)	Turn Rate (°/100ft)
	4,500.00	1.35	14.63	4,478.21	361.23	94.28	373.33	1.50	-1.50	0.00
	Start 2490.	.00 hold at 458	9.80 MD - NO	RTH HORN						
	4.589.80	0.00	0.00	4.568.00	362.25	94.55	374.39	1.50	-1.50	-16.29
	4,600.00	0.00	0.00	4,578.20	362.25	94.55	374.39	0.00	0.00	0.00
	4,700.00	0.00	0.00	4,678.20	362.25	94.55	374.39	0.00	0.00	0.00
	4,800.00	0.00	0.00	4,778.20	362.25	94.55	374.39	0.00	0.00	0.00
	4,900.00	0.00	0.00	4,878.20	362.25	94.55	374.39	0.00	0.00	0.00
	5.000.00	0.00	0.00	4,978,20	362.25	94.55	374.39	0.00	0.00	0.00
	5,100.00	0.00	0.00	5.078.20	362.25	94.55	374.39	0.00	0.00	0.00
	5,200.00	0.00	0.00	5,178.20	362.25	94.55	374.39	0.00	0.00	0.00
	5,300.00	0.00	0.00	5,278.20	362.25	94.55	374.39	0.00	0.00	0.00
	5,400.00	0.00	0.00	5,378.20	362.25	94.55	374.39	0.00	0.00	0.00
	5.500.00	0.00	0.00	5,478,20	362.25	94.55	374.39	0.00	0.00	0.00
	5,600,00	0.00	0.00	5,578,20	362.25	94.55	374.39	0.00	0.00	0.00
	5,700.00	0.00	0.00	5,678.20	362.25	94.55	374.39	0.00	0.00	0.00
	5,800.00	0.00	0.00	5,778.20	362.25	94.55	374.39	0.00	0.00	0.00
	5,900.00	0.00	0,00	5,878.20	362.25	94.55	374.39	0.00	0.00	0.00
	6,000.00	0.00	0.00	5,978.20	362.25	94.55	374.39	0.00	0.00	0.00
	DARK CAN	YON								
	6,094.80	0.00	0.00	6,073.00	362.25	94.55	374.39	0.00	0.00	0.00
	6,100.00	0.00	0.00	6,078.20	362,25	94.55	374.39	0.00	0.00	0.00
	6,200.00	0.00	0.00	6,178.20	362.25	94.55	374.39	0.00	0.00	0.00
	PRICE RIV	ER								
	6,279.80	0.00	0.00	6,258.00	362.25	94.55	374.39	0.00	0.00	0.00
	6,300,00	0.00	0.00	6,278.20	362.25	94.55	374.39	0.00	0.00	0.00
	6,400.00	0.00	0.00	6,378.20	362.25	94.55	374.39	0.00	0.00	0.00
	6,500.00	0.00	0.00	6,478.20	362.25	94.55	374.39	0.00	0.00	0.00
	6,600.00	0.00	0.00	6,578.20	362.25	94.55	374.39	0.00	0.00	0.00
	6,700.00	0.00	0.00	6,678.20	362.25	94.55	374.39	0.00	0.00	0,00
	6,800.00	0.00	0.00	6,778.20	362.25	94.55	374.39	0.00	0.00	0.00
	6,900.00	0.00	0.00	6,878.20	362.25	94.55	374.39	0.00	0.00	0.00
	7,000.00	0.00	0.00	6,978.20	362.25	94.55	374.39	0.00	0.00	0.00
		.80 - PBHL PE								
	7,079.80	0.00	0.00	7,058.00	362.25	94.55	374.39	0.00	0.00	0.00

Design Targets									
Target Name - hit/miss target - Shape	Dip Angle	Dip Dir.	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
PBHL PETERS POIN - plan hits larget c	enter	0.00	7,058.00	362.26	94,55	510,086.75	2,404,899.02	39° 43' 29.480 N	110° 3′ 37.320 W

-	plan	nits	rarge	et ce	mer
-	Circl	e (re	dius	100	(00.0)

ising Points						
	Measured Depth (ft)	Vertical Depth (ft)		Name	Casing Diameter (")	Hole Diameter (")
	1,000.00	1,000.00	9 5/8*		9-5/8	12-1/4



## Weatherford International Ltd.

Planning Report



Database: Company: Project: Site:

Wellbore:

Design:

Well:

EDM 2003.21 Single User Db BILL BARRETT CORP

CARBON COUNTY, UT (NAD 27)
PETERS POINT 13-31D PAD
PETERS POINT UF 13-31D-12-17
PETERS POINT UF 13-31D-12-17

Design #1

Local Co-ordinate Reference: TVD Reference:

MD Reference: North Reference:

Survey Calculation Method:

Well PETERS POINT UF 13-31D-12-17 WELL @ 6759.30ft (Original Well Elev) WELL @ 6759.30ft (Original Well Elev)

True

Minimum Curvature

Formations						
	Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dīp (°)	Dip Direction (°)
	2,793.66	2,783.00	WASATCH		0.00	
	4,589.80	4,568.00	NORTH HORN		0.00	
	6,094.80	6,073.00	DARK CANYON		0.00	
	6,279.80	6,258.00	PRICE RIVER		0.00	

Plan Anno	tations					
	Measured	Vertical	Local Cool	rdinates		
	Depth (ft)	Depth (ft)	+N/-S (ft)	+E/-W (ft)	Comment	
	1,060.00 1,528.17 4,121.63 4,589.80 7.079.80	1,060.00 1,527.00 4,101.00 4,568.00 7,058.00	0.00 27.73 334.53 362.25 362.25	0.00 7.24 87.31 94.55 94.55	Start Build 1.50 Start 2593.45 hold at 1528.17 MD Start Drop -1.50 Start 2490.00 hold at 4589.80 MD TD at 7079.80	



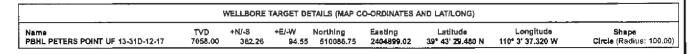
Project: CARBON COUNTY, UT (NAD 27) Site: PETERS POINT 13-31D PAD Well: PETERS POINT UF 13-31D-12-17 Wellbore: PETERS POINT UF 13-31D-12-17

Design: Design #1

Lat: 39\* 43' 25.900 N Long: 110\* 3' 38.530 W KB: WELL @ 6759.30ft (Original Well Elev)

GR: 6743.30







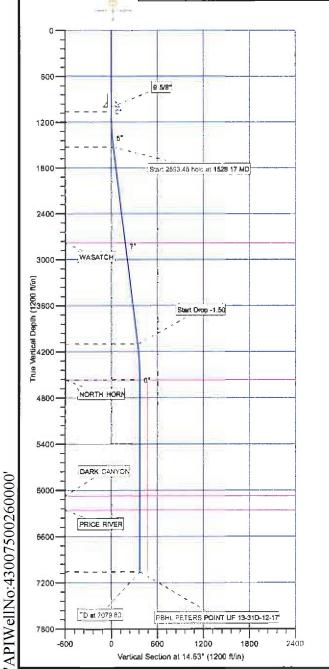
Azimuths to True North Magnetic North, 11 43\*

Magnetic Field Strength 52166 4sn7 Dip Anglet 65 58\* Date 6/11/2010 Model BGGM2010

SECTION DETAILS							
MD	Inc	Azi TVD	+N/-5	+E/-W	DLeg TFace	VSec	Annotation
0.00	0.00	0.00 0.00	0.00	0.00	0.00 0.00	0.00	
1060.00	0.00	0.001060.00	0.00	0.00	0.00 0.00	0.00	Start Build 1.50
1528,17	7.02	14.63 1527.00	27,73	7,24	1.50 14.63	28.66	Start 2593.45 hold at 1528.17 MD
4121.63	7.02	14.63 4101.00	334.53	87.31	0,00 0,00	345,73	Start Drop -1.50
4589.80	0.00	0.00 4568.00	362.25	94.55	1.50 180.00	374.39	Start 2490.00 hold at 4589.80 MD
7079.80	0.00	0.00 7058.00	362,25	94.55	0.00 0.00	374.39	TD at 7079.80

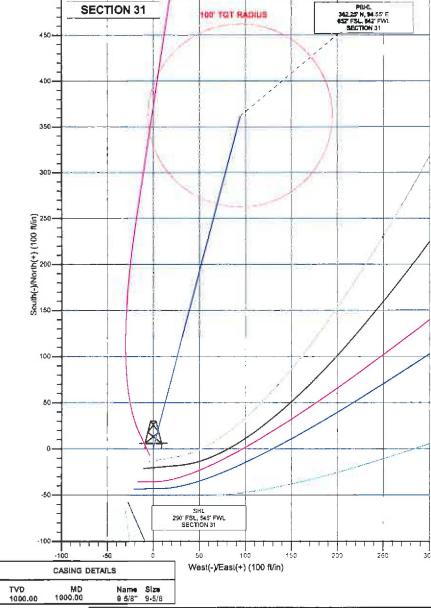
## FORMATION TOP DETAILS TVDPath MDPath 2783.00 2793.66 4568.00 4589.80 Formation WASATCH NORTH HORN

6073.00 6094.80 DARK CANYON





WELL DETAILS: PETERS POINT UF 13-31D-12-17



Plan: Design #1 (PETERS POINT UF 13-31D-12-17/PETERS POINT UF 13-31D-12-17)

Dale: 18:48, June 14 2010 Created By: TRACY WILLIAMS

# 'APIWellNo:43007500260000'

## **DRILLING PROGRAM**

# BILL BARRETT CORPORATION Peter's Point Unit Federal 13-31D-12-17

SWSW, 290' FSL, 545' FWL, Sec. 31, T12S-R17E (surface hole) SWSW, 652' FSL, 642' FWL, Sec. 31, T12S-R17E (bottom hole) Carbon County, Utah

# 1-2. Estimated Tops of Geological Markers and Formations Expected to Contain Water, Oil and Gas and Other Minerals

Formation	Depth - MD	Depth – TVD
Green River	Surface	Surface
Wasatch	2794*	2783'*
North Horn	4590'*	45681*
Dark Canyon	6095'*	6073'*
Price River	6280'*	62581*
TD	7200'*	7200'*

**PROSPECTIVE PAY:** \*Members of the Mesaverde formation and Wasatch formation (inclusive of the North Horn) are primary objectives for oil/gas. Any shallow water zones encountered will be adequately protected and reported. All potentially productive hydrocarbon zones will be cemented off.

## 3. BOP and Pressure Containment Data

Depth Intervals	BOP Equipment			
0 – 1000'	No pressure control required			
1000' – TD	11" 3000# Ram Type BOP			
	11" 3000# Annular BOP			
- Drilling spool to a	ecommodate choke and kill lines;			
- Ancillary equipment and choke manifold rated at 3,000#. All BOP and BOPE tests will be in accordance with the requirements of onshore Order No. 2;				
- The BLM and the State of Utah Division of Oil, Gas and Mining will be notified 24 hours in advance of all BOP pressure tests.				
il	- BOP hand wheels may be underneath the sub-structure of the rig if the drilling rig used is set up to operate most efficiently in this manner.			

Bill Barrett Corporation Drilling Program Peter's Point UF #13-31D-12-17 Carbon County, Utah

## 4. Casing Program

Hole Size	Setting Depth		Casing	Casing	Casing	Thread	Condition
	From	To	Size	Weight	Grade		
26"	Surface	40'	16"	65#			
12 1/4"	Surface	1000'	9 5/8"	36#	Jor K 55	ST&C	New
8 3/4" and	Surface	7200'	5 1/2"	17.0#	I-100	LT&C	New
7 7/8"			4 1/2"	11.6#	N -80	LT&C	New

Note: BBC will use one of the options of production casing size noted above. Casing grade for each option could be I-100, P-110 or I-80. In addition, the 7 7/8" hole size will begin at the point the bit is changed.

## 5. Cementing Program

16" Conductor Casing	Grout cement		
9 5/8" Surface Casing	Lead with approximately 170 sx Varicem cement + additives mixed at 12.0 ppg (yield = 2.53 ft <sup>3</sup> /sx).  Tail with approximately and 190 sx Halcem cement with		
additives mixed at 15.8 ppg (yield = 1.16 ft <sup>3</sup> /sx) circulat to surface with 100% excess.			
5 1/2" Production Casing	Lead with approximately 320 sx (4 ½" csg) or 260 sx (5 ½" csg) of Halliburton Light Premium cement with additives		
OR	mixed at 12.5 ppg (yield = $1.96 \text{ ft}^3/\text{sx}$ ).		
4 1/2" Production Casing	Tail with approximately 1150 sx (4 ½" csg) or 950 sx (5 ½" csg) of 50/50 Poz cement + additives mixed at 13.4 ppg (yield = 1.45 $\text{ft}^3$ /sk), circulated to ~800' with 15% excess.		
Note: Actual volumes to be calculated from caliper log.			

## 6. Mud Program

Interval	Weight	Viscosity	Fluid Loss (API filtrate)	Remarks
0 – 40'	8.3 - 8.6	27 – 40		Native Spud Mud
40' - 1000'	8.3 - 8.6	27 – 40	15 cc or less	Native/Gel/Lime
1000' - TD	8.6 – 9.5	38 – 46	15 cc or less	LSND/DAP

Note: Sufficient mud materials to maintain mud properties, control lost circulation and to contain "kicks" will be available at wellsite. BBC may require minor amounts of diesel to be added to its fluid system in order to reduce tork and drag.

## Testing, Logging and Core Programs

Cores	None anticipated;			
Testing	None anticipated;			
Sampling	30' to 50' samples; surface casing to TD. Preserve samples all show intervals;			
Surveys	Run every 1000' and on trips, slope only;			
Logging				

Bill Barrett Corporation Drilling Program Peter's Point UF #13-31D-12-17 Carbon County, Utah

## 8. Anticipated Abnormal Pressures or Temperatures

No abnormal pressures or temperatures or other hazards are anticipated.

Maximum anticipated bottom hole pressure equals approximately 3557 psi\* and maximum anticipated surface pressure equals approximately 1973 psi\*\* (bottom hole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

\*Max Mud Wt x  $0.052 \times TD = A$  (bottom hole pressure)

## 9. Auxiliary Equipment

- a) Upper kelly cock; lower Kelly cock will be installed while drilling
- b) Inside BOP or stab-in valve (available on rig floor)
- c) Safety valve(s) and subs to fit all string connections in use
- d) Mud monitoring will be visually observed

## 10. Drilling Schedule

Location Construction: August 1, 2010
Spud: August 15, 2010
Duration: 10 days drilling time

30 days completion time

<sup>\*\*</sup>Maximum surface pressure =  $A - (0.22 \times TD)$ 

# 'APIWellNo:43007500260000'

## Other -Onshore Variances Requested

## Use of EFM and Flow Conditioner (Onshore Order No. 5)

Use of an electronic flow meter (EFM) for gas measurement purposes is requested with this application.

Use of a flow conditioner is also being requested (versus straightening vanes). Flow conditioners have been proven to be as or more effective than straightening vanes in conditioning gas for measurement. In addition to their superior conditioning properties, they take up less space (shorter meter runs/smaller footprint), and are less prone to corrosion and dislodging (greater reliability). In the past BBC has experienced straightening vanes becoming dislodged in normal service and compromising their conditioning effectiveness.

Make/Model: CPA 50E

Dimensions: 2" or 3" Flanged conditioners - 16" minimum up to 3 1/2' long x 2" (ID 2.067) OR 24" minimum up to 3 1/2' long x 3" (ID 3.068)

## Air Drilling (Onshore Order No. 2)

Air drilling operations will be conducted with the purpose of drilling and setting surface casing with a truck mounted air rig, for all Federal wells located at this pad. Surface casing is approximately 1000'. Bill Barrett Corporation with comply with the following surface air drilling operation requirements:

- 1. Properly lubricated and maintained diverter system in place of a rotating head. The diverter system forces air and cutting returns to the cuttings pit and is used solely to drill the surface hole. In addition, BBC will use a properly lubricated and maintained rotating head in compliance with OOG No. 2.
- 2. The Blooie line will discharge at least 100 feet from the wellbore and will be securely anchored.
- 3. An automatic igniter or continuous pilot light will be installed at the end of the blooie line.
- 4. Compressors that supply energy to drill the air filled surface hole will be located 100' away from the wellbore and on the opposite side of the blooie line. The compressors will be equipped with 1) emergency kill switch, 2) pressure relief valves 3) spark arresters on the motors.



## NINE MILE CEMENT VOLUMES

Well Name:

Peter's Point Unit Federal 13-31D-12-17

## Surface Hole Data:

Total Depth:	1,000
Top of Cement:	0,
OD of Hole:	12.250"
OD of Casing:	9.625"

## Calculated Data:

e: <b>203.6</b> ft <sup>2</sup>	Lead Volume:
11: 650'	Lead Fill:
e; <b>109.6</b> ft <sup>3</sup>	Tail Volume:
11: 350'	<b>Tail</b> Fill:

## Cement Data:

Lead Yield:	2.53	ft³/sk
Tail Yield:	1.16	ft <sup>3</sup> /sk
% Excess:	100%	

## Calculated # of Sacks:

# SK's Lead:	170
# SK's Tail:	190

## Production Hole Data:

OD of Casing:	5.500"
OD of Hole:	8.750"
Top of Cement:	800.
Total Depth:	7,200

## Calculated Data:

<b>Lea</b> d Volume:	429.4	ft <sup>3</sup>
Lead Fill:	1,700'	
Tail Volume:	1187.2	ft³
Tail Fill:	4,700'	

## Cement Data:

Lead Yield:	1.91	ft³/sk
Tail Yield:	1.45	ft³/sk
% Excess:	15%	

## Calculated # of Sacks:

# SK's Lead:	260
 # SK's Tail:	950

Peter's Point Unit Federal 13-31D-12-17 Proposed Cementing Program

Job Recommendation		Su	rface Casing
Lead Cement - (650' - 0')			
Varicem ™ Cement	Fluid Weight:	12	lbm/gal
0.25 lbm/sk Poly-E-Flake	Slurry Yield:	2.53	ft <sup>3</sup> /sk
	Total Mixing Fluid:	14.82	Gal/sk
	Top of Fluid:	0,	
	Calculated Fill:	650'	
	Volume:	36.25	bbl
	Proposed Sacks:	170	sks
Tail Cement - (1000' - 650')			
Halcem ™ System	Fluid Weight:	15.8	lbm/gal
2.0% Calcium Chloride	Slurry Yield:	1.16	ft <sup>3</sup> /sk
	Total Mixing Fluid:	4.98	Gal/sk
	Top of Fluid:	650'	
1	Calculated Fill:	350'	
	Volume:	19.52	bbl
	Proposed Sacks:	190	sks

b Recommendation	<del>-</del>	Produc	tion Cas
Lead Cement - (800' - 2500')			
Halliburton Light Premium	Fluid Weight:	12.5	lbm/gal
0.3% Versaset	Slurry Yield:	1.91	ft <sup>3</sup> /sk
0.3% Super CBL	Total Mixing Fluid:	10.48	Gal/sk
0.125 lbm/sk Poly-E-Flake	Top of Fluid:	800'	
0.25% Fe-2	Calculated Fill:	1,700'	
0.2% Econolite	Volume:	76.48	bbl
	Proposed Sacks:	260	sks
Tail Cement - (2500' - 7200')			
50/50 Poz Premium	Fluid Weight:	13.4	lbm/gal
3.0 % KCL	Slurry Yield:	1,45	ft <sup>3</sup> /sk
0.75% Halad®-322	Total Mixing Fluid:		Gal/sk
0.2% FWCA	Top of Fluid:	2,500'	
0.3% Super CBL	Calculated Fill:	4,700'	
0.125 lbm/sk Poly-E-Flake	Volume:	211.43	bbl
• =	Proposed Sacks:	OEO	sks



## NINE MILE CEMENT VOLUMES

Well Name:

Peter's Point Unit Federal 13-31D-12-17

## Surface Hole Data:

Total Depth:	1,000'
Top of Cement:	0'
OD of Hole:	12.250"
OD of Casing:	9.625"

## Calculated Data:

<b>Lea</b> d Volume:	203.6	ft³
Lead Fill:	650'	
Tail Volume:	109.6	ft³
Tail Fill:	350'	

## Cement Data:

Lead Yield:	2.53	ft³/sk
Tail Yield:	1,16	ft <sup>3</sup> /sk
% Excess:	100%	

## Calculated # of Sacks:

 # SK s Lead:	170
# SK's Tail:	190

## Production Hole Data:

Total Depth:	7,200
Top of Cement:	800'
OD of Hole:	8.750"
OD of Casing:	4.500"

## Calculated Data:

Lead Volume:	522,1	ft³
Lead Fill:	1,700	
 Tail Volume:	1443.5	ft <sup>3</sup>
Tail Fill:	4,700'	

## Cement Data:

Lead Yield:	1.91	ft³/sk
Tail Yield:	1.45	ft <sup>3</sup> /sk
% Excess:	15%	

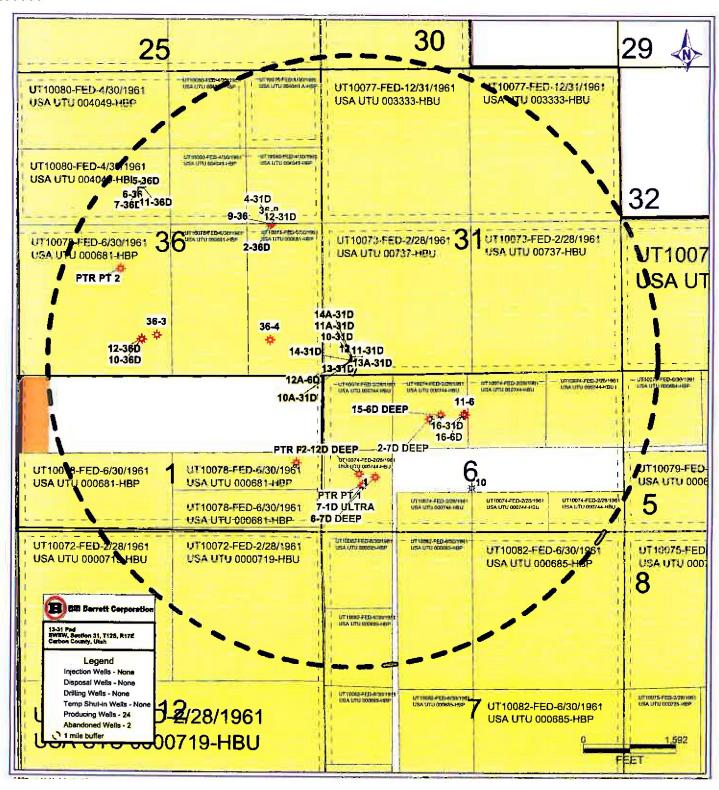
## Calculated # of Sacks:

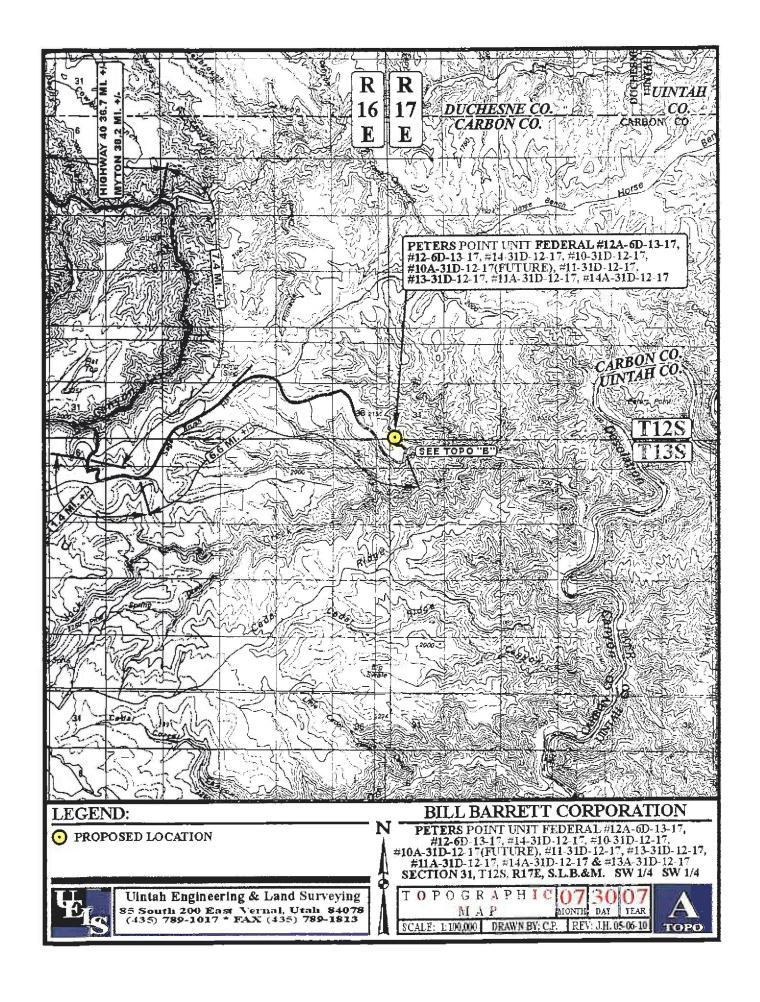
# SK's Lead:	320	
 # SK's Tail:	1150	

Peter's Point Unit Federal 13-31D-12-17 Proposed Cementing Program

Surface Casing

Recommendation		Produc	tion Casi
Lead Cement - (800' - 2500')			
Halliburton Light Premium	Fluid Weight:	12.5	lbm/gal
0.3% Versaset	Slurry Yield:	1.91	ft <sup>3</sup> /sk
0.3% Super CBL	Total Mixing Fluid:	10.48	Gal/sk
0.125 lbm/sk Poly-E-Flake	Top of Fluid:	800'	
0.25% Fe-2	Calculated Fill:	1,700'	
0.2% Econolite	Volume:	92.99	bbl
	Proposed Sacks:	320	sks
Tail Cement - (2500' - 7200')	**** / 1 *** / 1 .	12.4	15/1
50/50 Poz Premium	Fluid Weight:		lbm/gal
3.0 % KCL	Slurry Yield:		
0.75% Halad®-322	Total Mixing Fluid:	6.82	Gal/sk
0.2% FWCA	Top of Fluid:	2,500'	
0.3% Super CBL	Calculated Fill:	4,700'	
0.125 lbm/sk Poly-E-Flake	Volume:	257.08	bbl
	Proposed Sacks:	1150	sks





# 'APIWellNo:43007500260000'

## SURFACE USE PLAN

# BILL BARRETT CORPORATION Peter's Point Unit Federal 13-31D Pad Carbon County, UT

Peter's Point Unit Federal 10-31D-12-17	Peter's Point Unit Federal 11-31D-12-17		
SWSW, 246' FSL, 525' FWL, Sec. 31, T12S-R17E (surface hole)	SWSW, 268' FSL, 535' FWL, Sec. 31, T12S-R17E (surface hole)		
NWSE, 1835' FSL, 2148' FEL, Sec. 31, T12S-R17E (bottom hole)	NESW, 1990' FSL, 1953' FWL, Sec. 31, T12S-R17E (bottom hole)		
Peter's Point Unit Federal 11A-31D-12-17	Peter's Point Unit Federal 12-6D-13-17		
SWSW, 275' FSL, 539' FWL, Sec. 31, T12S-R17E (surface hole)	SWSW, 225' FSL, 515' FWL, Sec. 31, T12S-R17E (surface hole)		
NESW, 2614' FSL, 1947' FWL, Sec. 31, T12S-R17E (bottom hole)	NWSW, 1964' FSL, 645' FWL, Sec. 6, T13S-R17E (bottom hole)		
Peter's Point Unit Federal 12A-6D-13-17	Peter's Point Unit Federal 13-31D-12-17		
SWSW, 232' FSL, 518' FWL, Sec. 31, T12S-R17E (surface hole)	SWSW, 290' FSL, 545' FWL, Sec. 31, T12S-R17E (surface hole)		
NWSW, 2574' FSL, 641' FWL, Sec. 6, T13S-R17E (bottom hole)	SWSW, 652' FSL, 642' FWL, Sec. 31, T12S-R17E (bottom hole)		
Peter's Point Unit Federal 13A-31D-12-17	Peter's Point Unit Federal 14-31D-12-17		
SWSW, 282' FSL, 542' FWL, Sec. 31, T12S-R17E (surface hole)	SWSW, 239' FSL, 521' FWL, Sec. 31, T12S-R17E (surface hole)		
SWSW, 1299' FSL, 647' FWL, Sec. 31, T12S-R17E (bottom hole)	SESW, 670' FSL, 1943' FWL, Sec. 31, T12S-R17E (bottom hole)		
Peter's Point Unit Federal 14A-31D-12-17			
SWSW, 254' FSL, 528' FWL, Sec. 31, T12S-R17E (surface hole)			
SESW, 1299' FSL, 1944' FWL, Sec. 31, T12S-R17E (bottom hole)			

The onsite for this pad occurred November 2008 and another review of the well pad is being held June 2010. This is a new pad with a total of ten directional wells (nine to be drilled in Phase 1, one future well).

The excavation contractor would be provided with an approved copy of the surface use plan of operations before initiating construction.

## 1. Existing Roads:

- a. The proposed pad is located approximately 52 miles from Myton, Utah. Maps reflecting directions to the proposed pad are included (see Topographic maps A and B).
- b. The use of roads under State and County Road Department maintenance is necessary to access the Peter's Point Unit. However, an encroachment permit is not anticipated as there are no upgrades to the State or County road systems proposed at this time.
- No topsoil stripping would occur as there are no improvements proposed to existing State, County
  or main BLM access roads.
- d. Project roads would require routine year-round maintenance to provide year-round access. Maintenance would include inspections, reduction of ruts and holes, maintenance to keep water off the road, replacement of surfacing materials, and clearing of sediment blocking ditches and culverts. Should snow removal become necessary, roads would be cleared with a scraper and snow would be stored along the down gradient side to prohibit runoff onto the road. Aggregate would be used as necessary to maintain a solid running surface and minimize dust generation.
- e. Vehicle operators would obey posted speed restrictions and observe safe speeds commensurate with road and weather conditions. Travel would be limited to the existing access roads and proposed access road.
- To address safety-related traffic concerns, drivers and rig crews would be advised of the hazards to recreational traffic along the existing and proposed access roads, as well as hazards present due to blind comers, cars parked on the road, pedestrian traffic, and mountain bikers. In addition, appropriate signs would be erected to warn non-project personnel about traffic hazards associated with project-related activities and during times of rig moves, when there is heavy equipment, traffic may be controlled on sections of roads. Traffic would be controlled using roadside signs, flagmen, and barricades as appropriate.

- g. Dust suppression and monitoring would be implemented where necessary and as prescribed by the BLM.
- h. An off-lease federal right-of-way for the access road and utility corridor is not anticipated at this time since existing roads are being utilized into the Peter's Point Unit area. All new construction would be within the Unit.

## Planned Access Road:

- a. From the existing Peter's Point road, approximately 0.3 miles of new access road is proposed (see Topographic Map B) within the Peter's Point Unit. A road design plan is not anticipated at this time.
- b. The new proposed access road would be co-located by pipeline(s) and the requested corridor disturbance would be 100 ft with a short-term corridor disturbance of 80 ft (3.5 acres) reclaimed to a long-term corridor of 30 ft (1.3 acres).
- c. The proposed road would be constructed to facilitate drainage, control erosion and minimize visual impacts by following natural contours where practical. No unnecessary side-casting of material would occur on steep slopes.
- d. Intervisible turnouts would be constructed, where necessary and as topographic conditions allow, to improve traffic safety. A maximum grade of 10 percent would be maintained with minimum cuts and fills, as necessary, to access the well pad.
- e. New road construction and improvements of existing roads would typically require the use of motorgraders, crawler tractors, 10-yard end dump trucks, and water trucks. The standard methodology for building new roads involves the use of a crawler tractor or track hoe to windrow the vegetation to one side of the road corridor, remove topsoil to the opposing side of the corridor, and rough-in the roadway. This is followed by a grader or bulldozer to establish barrow ditches and crown the road surface. Where culverts are required, a track hoe or backhoe would trench the road and install the culverts. Some hand labor would be required when installing and armoring culverts. Road base or gravel in some instances would be necessary and would be hauled in and a grader used to smooth the running surface.
- Excess rock from construction of the pad may be used for surfacing of the access road if necessary. Any additional aggregate necessary would be obtained from private, State of Utah, or federal lands in conformance with applicable regulations. Aggregate would be of sufficient size, type, and amount to allow all weather access and alleviate dust.
- g. Where topsoil removal is necessary, it would be windrowed (i.e. stockpiled/accumulated along the edge of the ROW and in a low row/pile parallel with the ROW) and re-spread over the disturbed area after construction and backfilling are completed. Vegetation removed from the disturbed area would also be re-spread to provide protection, nutrient recycling, and a seed source for reclamation.
- h. Adequate drainage structures would be incorporated and culverts, with a minimum diameter of 18 inches, would be installed as necessary. Turnouts would also be incorporated where necessary.
- i. No gates or cattle guards are anticipated at this time.
- j. Surface disturbance and vehicular travel would be limited to the approved location access road. Adequate signs would be posted, as necessary, to warn the public of project related traffic.
- k. All access roads and surface disturbing activities would conform to the appropriate standard, no higher than necessary, to accommodate their intended function adequately as outlined in the Bureau of Land Management and Forest Service publication: <u>Surface Operating Standards for Oil and Gas Exploration and Development, Fourth Edition Revised 2007</u>. BBC would be responsible for all maintenance of the access road.

## Location of Existing Wells (see One-Mile Radius Map):

 Following is a list of wells with surface hole locations within a one-mile radius of the proposed pad:

i. water wells none
 ii. injection wells none
 iii. disposal wells none
 iv. drilling wells none
 v. temp shut-in wells none
 vi. producing wells twenty-four
 vii. abandoned wells two

## 4. <u>Location of Production Facilities:</u>

- a. Each proposed well would have its own meter run and separator. Proposed wellheads and christmas trees would be contained below location grade in pre-cast concrete trenches. All wellheads associated with the drilling operations for this pad would be contained in the same trench measuring approximately 12 ft wide, 10 ft deep, and 64 ft long (# wells x 8 ft + 16 ft for two end pieces). Drawings of below ground cellars can be provided by BBC upon request.
- b. Up to ten tanks (up to 500-bbls in capacity) would be installed for this pad. Tank facilities for this pad would be located at a centralized tank battery facility (CTB) at the existing Peter's Point 11-6 well pad in the NENW, Sec. 6, T13S-R17E within the Peter's Point unit. Appoximately 1.8 acres of additional disturbance would be required on the 11-6 pad for the central tank battery and would be eventually part of the proposed expansion for additional wells to be drilled off of the 11-6 pad. All of the new proposed wells for this pad are within the Peter's Point unit and within the participating area and therefore tanks would be shared among the wells. Figure 4 and the Site Plan reflect facility plans and are attached.
- c. The CTB would be surrounded by a secondary containment berm of sufficient capacity to contain the 1.1 times the entire capacity of the largest single tank and sufficient freeboard to contain precipitation. All loading lines and valves would be placed inside the berm surrounding the CTB or would utilize catchment basins to contain spills. All liquid hydrocarbon production and measurement shall conform to the provisions of 43 CFR 3162.7-2 and Onshore Oil and Gas Order No. 4 for the measurement of oil. BBC requests permission to install the necessary production/operation facilities with this application.
- d. Most wells would be fitted with plunger lift systems to assist liquid production. However, pump jacks may be used if liquid volumes and/or low formation pressures require it. Plunger lift systems do not require any outside source of energy. The prime mover for pump jacks would be small (50 horsepower or less), natural gas-fired internal combustion engines.
- e. Gas meter run(s) would be constructed and located on lease within 500 feet of the wellheads. Meter runs would be housed and/or fenced. As practicably feasible, meters would be equipped with remote telemetry monitoring systems. All gas production and measurement shall comply with the provisions of 43 CFR 3162.7-3, Onshore Oil and Gas Order No. 5, and American Gas Association (AGA) Report No. 3
- f. A combustor may be installed at this location for control of associated condensate tank emissions. A combustor ranges from 24 inches to 48 inches wide and is approximately 10 ft tall. Combustor placement would be on existing disturbance and would not be closer than 100 ft to any tank or wellhead(s).
- g. A gas gathering pipeline (up to 10 inch diameter) and a liquids line (up to 4 inch diameter), approximately 1,908 feet in length, is associated with this application and is being applied for at this time (see Topographic Map D). Both lines would leave the south end of the pad and traverse

southeast where the gas pipeline would tie into the existing 8 inch line and the liquids line would transport the liquids to the CTB.

- h. The proposed new gas pipeline would be constructed of steel while the liquids line would be constructed of steel, polyethylene, or fiberglass. The gas pipeline and liquids line would be buried, where soil conditions permit, within the proposed co-located access road and pipeline corridor noted above in Section 2(b) (Planned Access Roads).
- Burial of pipelines would depend upon the site-specific topographic and soil conditions and
  operational requirements. The determination to bury or surface lay the pipeline would be made by
  the Authorized Officer at the time of construction.
- j. BBC intends on stringing the pipeline on the surface, welding many joints into long lengths, dragging the long lengths into position and then completing a final welding pass to join the long lengths together. The welded joints would either remain on the surface or would be placed within the trench, depending on the scenario. BBC intends on connecting the pipeline together utilizing conventional welding technology.
- k. Pipeline construction methods and practices would be planned and conducted by BBC with the objective of enhancing reclamation and fostering the re-establishment of the native plant community.
- To limit erosion potential, backfill over pipeline trenches would be compacted so as not to extend
  above the original ground level after the fill has settled. Wheel or other methods of compacting
  backfill would be utilized as practicably feasible to reduce trench settling and water channeling.
- m. All permanent above-ground structures would be painted a flat, non-reflective Olive Black to match the standard environmental colors. These structures would be painted the designated color at the time of installation or within 6 months of being located on site. Facilities that are required to comply with the Occupational Safety and Health Act (OSHA) may be excluded.
- Site security guidelines identified in 43 CFR 3162.7-5 and Onshore Oil and Gas Order No. 3 would be adhered to.
- The site would require periodic maintenance to ensure that drainages are kept open and free of
  debris, and that surfaces are properly treated to reduce erosion, fugitive dust, and impacts to
  adjacent areas.

## 5. Location and Type of Water Supply:

 a. Bill Barrett Corporation would use water consistent with approvals granted by the Utah State Engineer's Office under:

> Application Number 90-1863, expires June 6, 2011 Application Number 98-860, expires September 30, 2010 Application Number 90-4, expires December 31, 2014 Application Number 90-1861, expires May 11, 2011

- b. Water use for this location would most likely be diverted from Nine Mile Creek, the S¼ of Section 8, T12S-R16E or from a water well located in the N¼ of State Section 32-T12S-R16E. For either of these sources, bobtail trucks would haul the water, traveling Cottonwood Canyon dugway to Peter's Point road.
- Water use would vary in accordance with the formations to be drilled but would average approximately 1 acre-foot (7,758 barrels) during drilling operations and 1 acre-foot (7,758 barrels) during completion operations.

## 6. Source of Construction Material:

- a. The use of materials would conform to 43 CFR 3610.2-3.
- b. No construction materials would be taken out of the Peter's Point Unit,
- If any additional gravel is required, it would be obtained from SITLA materials permits, federal BBC locations within the Peter's Point unit or from private sources,

## 7. Methods of Handling Waste Disposal:

 All wastes associated with this application would be contained and disposed of utilizing approved facilities.

## Closed Loop Drilling System

- b. BBC intends to employ a closed loop drilling system in which drilling fluids and cuttings would be thoroughly processed such that the separated cuttings are relatively dry. The cuttings would be stored on location in either secured piles or in a 300 ft x 50 ft cuttings trench (indicated as reserve pit on Figure 1 located outboard of the location along the west side of the pad).
- c. The cuttings trench would not be lined. Three sides of the trench would be fenced before drilling starts and the fourth side would be fenced at the time drilling is completed on the last well on the pad and shall remain until cuttings trench has been reclaimed.
- d. Upon completion of drilling, the cuttings would be tested and further processed as necessary to meet standards for burial on site or other BLM approved uses such as a media for road surfacing or growing media for reclamation.

## Conventional or Semi-Closed Loop Drilling System

- e. In the event closed loop drilling is not employed, a conventional or semi-closed loop system would be used where a small amount of fluid is retained in the cuttings and the cuttings are placed in the reserve pit. The reserve pit would also store water to make up losses and store any excess drilling fluids. Reserve pits would be constructed with an impermeable liner so as to prevent releases. The pit liner would overlap the pit walls and be anchored with soil and/or rocks to hold it in place. No trash, scrap pipe, etc. that could puncture the liner would be disposed of in the pit and a minimum of 2 ft of freeboard would be maintained in the pit at all times. Reserve pits would be constructed and maintained according to BLM or UDOGM requirements as appropriate.
- f. Three sides of the reserve pit would be fenced before drilling starts and the fourth side would be fenced at the time drilling is completed on the last well on the pad and shall remain until the pit is dry.
- g. Any hydrocarbons floating on the surface of the reserve pit would be removed as soon as possible after drilling and completion operations are finished. In some cases, the reserve pit may be flagged overhead or covered with wire or plastic mesh to protect migrating birds.

## Completion Pit

h. Where closed loop drilling is employed, the cuttings trench disturbed area would typically also be used to store water for completion activities. The completion pit would be constructed with an impermeable liner to prevent releases and would be fenced and constructed and maintained according to BLM or UDOGM requirements.

## **Other**

- Produced fluids from the wells other than water would be decanted into steel test tanks until such
  time as construction of production facilities is completed. Produced water may be used in further
  drilling and completion activities, evaporated in the pit or would be hauled to a state approved
  disposal facility.
- j. After initial clean-up and based on volumes, BBC would install a tank (maximum size 400 barrel capacity) to contain produced waste water. After first production, produced wastewater would be confined to tanks within the CTB for a period not to exceed ninety (90) days. Thereafter, produced water would be used in further drilling and completion activities or hauled to a State approved disposal facility.
- k. Any salts and/or chemicals, which are an integral part of the drilling system, would be disposed of in the same manner as the drilling fluid.
- Any spills of oil, condensate, produced or frac water, drilling fluids, or other potentially deleterious substances would be recovered and either returned to its origin or disposed of at an approved disposal site, most likely in Duchesne, Utah.
- m. Chemicals on the EPA's Consolidated List of Chemicals subject to reporting under Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA) may be used or stored in quantities over reportable quantities. In the course of drilling, BBC could potentially store and use diesel fuel, sand (silica), hydrochloric acid, and CO<sub>2</sub> gas, all described as hazardous substances in 40 CFR Part 302, Section 302.4, in quantities exceeding 10,000 pounds. In addition, natural gas condensate and crude oil and methanol may be stored or used in reportable quantities. Small quantities of retail products (paint/spray paints, solvents {e.g., WD-40}, and lubrication oil) containing non-reportable volumes of hazardous substances may be stored and used on site at any time. No extremely hazardous substances, as defined in 40 CFR 355, would be used, produced, stored, transported or disposed of in association with the drilling, testing or completion of the
- n. Portable toilets and trash containers would be located onsite during drilling and completion operations. A commercial supplier would install and maintain portable toilets and equipment and would be responsible for removing sanitary waste. Sanitary waste facilities (i.e. toilet holding tanks) would be regularly pumped and their contents disposed of at approved sewage disposal facilities in Carbon, Duchesne, and/or Uintah Counties, in accordance with applicable rules and regulations regarding sewage treatment and disposal. Accumulated trash and nonflammable waste materials would be hauled to an approved landfill once a week or as often as necessary. All debris and waste materials not contained in the trash containers would be cleaned up, removed from the construction ROW, well pad, or worker housing location, and disposed of at an approved landfill. Trash would be cleaned up everyday.
- o. Sanitary waste equipment and trash bins would be removed from the WTP Project Area upon completion of access road or pipeline construction; following drilling and completion operations at an individual well pad; when worker housing is no longer needed; or as required.
- p. A flare pit may be constructed a minimum of 110' from the wellhead(s) and may be used during completion work. In the event a flare pit proves to be unworkable, a temporary flare stack or open top tank would be installed. BBC would flow back as much fluid and gas as possible into pressurized vessels, separating the fluids from the gas. In some instances, due to the completion fluids utilized within the West Tavaputs Project area, it is not feasible to direct the flow stream from the wellbore through pressurized vessels. In such instances BBC proposes to direct the flow to the open top tanks until flow through the pressurized vessels is possible. At which point the fluid would either be returned to the reserve pit or placed into a tank(s). The gas would be directed to the flare pit, flare stack (each with a constant source of ignition), or may be directed into the sales pipeline.
- q. Flare lines would be directed so as to avoid damage to surrounding vegetation, adjacent rock faces, or other resources, and as required by regulations. Flare lines would be in place on all well

locations. In the event it becomes necessary to flare a well, a deflector and/or directional orifice would also be used to safeguard both personnel and adjacent natural rock faces.

## 8. Ancillary Facilities;

- a. Garbage containers and portable toilets would be located on the well pad.
- BLM approved and permitted storage yards for tubulars and other equipment and temporary housing areas would be utilized.
- c. On well pads where active drilling and completion is occurring, temporary housing would be provided on location for the well pad supervisor, geologist, tool pusher, and others that are required to be on location at all times. Active drilling locations could include up to five single wide mobile homes or fifth wheel campers/trailers.

## 9. Well Site Layout:

- a. Each well would be properly identified in accordance with 43 CFR 3162.6
- b. The pad has been staked at its maximum size of 452 ft x 270 ft with a 300 ft x 50 ft (4.6 acres) cuttings trench/reserve pit/completion pit outboard of the pad. The location layout and cross section diagrams are enclosed.
- c. Within the approved well pad location, a crawler tractor would strip whatever topsoil is present and stockpile it along the edge of the well pad for use during reclamation. Vegetation would be distributed along the sides of the well pad.
- d. Proposed wellheads and christmas trees would be contained below location grade in pre-cast concrete trenches.
- e. The cuttings trench or reserve pit would be fenced on three sides during drilling and on the fourth side immediately after the removal of the drilling rig. In the event closed loop drilling is employed, the cuttings trench would be removed or stockpiled on one edge of the trench and the area would be used for a completion pit during completion operations.
- f. Fill from pit excavation would be stockpiled along the edge of the pit and the adjacent edge of the well pad.
- g. Use of erosion control measures, including proper grading to minimize slopes, diversion terraces and ditches, mulching, terracing, riprap, fiber matting, temporary sediment traps, and broad-based drainage dips or low water crossings would be employed by BBC as necessary and appropriate to minimize erosion and surface runoff during well pad construction and operation. Cut and fill slopes would be constructed such that stability would be maintained for the life of the activity.
- h. Construction of the well pad would take from 1 to 3 weeks depending on the features at the particular site.
- i. Dust suppression may be implemented if necessary to minimize the amount of fugitive dust.

## 10. Plan for Restoration of the Surface:

## Interim Reclamation (see Figure 4)

- a. Portions of the disturbed area within a construction ROW or portions of well pads not needed for production would be reclaimed according to specifications of the BLM as appropriate.
- b. Prior to interim reclamation activities, all solid wastes and refuse would be removed and placed at approved landfills. The portions of the well pad or access and pipeline corridor not needed for

production would be re-contoured to promote proper drainage, salvaged topsoil would be replaced, and side slopes would be ripped and disked on the contour. Following site preparation, reseeding would be completed during either the spring or fall planting season, when weather conditions are most favorable. Seed mixtures for reclaimed areas would be site-specific and would require approval by the BLM. BBC would apply and meet BLM's Green River District Reclamation Standards.

- c. The operator would control noxious weeds along access road use authorizations, pipeline route authorizations, well sites or other applicable facilities by spraying or mechanical removal. A list of noxious weeds may be obtained from the BLM or the appropriate county extension office. On BLM administered land it is required that a Pesticide Use Proposal be submitted and approved prior to the application of herbicides, pesticides or possibly hazardous chemicals.
- d. Following interim reclamation, access roads (including roads co-located with pipeline) would be reduced to approximately 30 feet of disturbance. Roads leading to well sites that would not have surface production equipment would be designed and reclaimed in a way that minimizes impacts to the visual character of the host lands.
- c. Weather permitting, earthwork for interim reclamation would be completed within 6 months of completion of the final well on the pad or plugging and would continue until satisfactory revegetation cover is established. Inter-seeding (i.e. seeding into existing vegetation), secondary seeding, or staggered seeding may be used to accomplish revegetation objectives. During rehabilitation of areas in important wildlife habitat, provisions would be made for the establishment of native browse and forb species. Follow-up seeding or corrective erosion control measures would occur on areas where initial reclamation efforts are unsuccessful, as determined by the BLM or the appropriate surface management agency.

## Dry Hole/Final Reclamation

- f. All disturbed lands associated with this project, including the pipelines, access roads, water management facilities, etc. would be expediently reclaimed and reseeded in accordance with the reclamation plan and any pertinent site-specific COAs.
- g. When a well is to be plugged and abandoned, BBC would submit a Notice of Intent to Abandon (NOA) to the BLM or UDOGM as appropriate. The BLM or UDOGM would then attach the appropriate surface rehabilitation COAs for the well pad, and as appropriate, for the associated access road, pipeline, and ancillary facilities. During plugging and abandonment, all structures and equipment would be removed from the well pad. Backfilling, leveling, and re-contouring would then be performed according to the BLM or UDOGM order.
- h. Any mulch used by BBC would be weed-free and free from mold, fungi, or noxious weeds. Mulch may include native hay, small grain straw, wood fiber, live mulch, cotton, jute, synthetic netting or rock.
- BBC would reshape disturbed channel beds to their approximate original configuration.
- j. Reclamation of abandoned roads may include re-shaping, re-contouring, re-surfacing with topsoil, installation of water bars, and seeding on the contours. Road beds, well pads, and other compacted areas would be ripped to a depth of approximately 1 foot on 1.5 foot centers to reduce compaction prior to spreading the topsoil across the disturbed area. Stripped vegetation would be spread over the disturbance area for nutrient recycling, where practical. Additional erosion control measures (e.g. fiber matting) and road barriers to discourage travel may be constructed if appropriate. Graveled roads, well pads, and other sites would be stripped of usable gravel prior to ripping as deemed necessary. Culverts, cattleguards, and signs would be removed as roads are abandoned.

## 11. Surface and Mineral Ownership:

- Surface ownership Federal under the management of the Bureau of Land Management Price Field Office, 125 South 600 West, Price Utah 84078; (435) 636-3600.
- Mineral ownership Federal under the management of the Bureau of Land Management Price Field Office, 125 South 600 West, Price Utah 84078; (435) 636-3600.

## 12. Other Information:

- a. Montgomery Archaeological Consultants conducted cultural resource inventories for this pad, access and pipeline under MOAC 07-229 dated June 26, 2007, MOAC 08-322 dated November 22, 2008 and MOAC 10-079 dated June 7, 2010. In addition, cultural resource inventories for the CTB pad site have been done under MOAC 06-468, MOAC 07-275 dated July 24, 2007 and MOAC 03-240 dated April 14, 2004.
- BBC would require that their personnel, contractors, and subcontractors to comply with Federal regulations intended to protect archeological and cultural resources.
- c. Project personnel and contractors would be educated on and subject to the following requirements:
  - · No dogs within the WTP Project Area;
  - · No firearms within the WTP Project Area;
  - No littering within the WTP Project Area;
  - Smoking within the WTP Project Area would only be allowed in off-operator active
    locations or in specifically designated smoking areas. All cigarette butts would be placed in
    appropriate containers and not thrown on the ground or out windows of vehicles; personnel
    and contractors would abide by all fire restriction orders;
  - Campfires or uncontained fires of any kind would be prohibited within the WTP Project
     Area:
  - Portable generators used in the WTP Project Area would have spark arrestors.
- d. All proposed disturbances are within the Peter's Point unit: well surface locations and the well pad would occur on lease UTU-0737 and a small part of the well pad and the access road, pipelines and CTB would be located on lease UTU-0744.

# 'APIWellNo:43007500260000'

## **OPERATOR CERTIFICATION**

## Certification:

I hereby certify that I, or someone under my direction supervision, have inspected the drill site and access route proposed herein; that I am familiar with the conditions which currently exist; that I have full knowledge of state and Federal laws applicable to this operation; that the statements made in this APD package are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein would be performed in conformity with this APD package and the terms and conditions under which it is approved. I also certify that I, or the company I represent, am responsible for the operations conducted under this application. These statements are subject to the provisions of 18 U.S.C. 1001 for the filings of false statements.

Executed this day of Name: Position Title: Regulatory Analyst 1099 18th Street, Suite 2300, Denver, CO 80202 Address: 303-312-8134 Telephone: Field Representative Brandon Murdoch 1820 W. Hwy 40, Roosevelt, UT 84066 Address: 435-724-5252 Telephone: E-mail: bmurdoch@billbarrettcorp.com

Tracey Fallang, Regularory Analyst

## PRESSURE CONTROL EQUIPMENT - Schematic Attached

- A. Type: Eleven (11) Inch Double Gate Hydraulic BOP with Eleven (11) Inch Annular Preventer. The blow out preventer will be equipped as follows:
  - 1. One (1) blind ram (above).
  - 2. One (1) pipe ram (below).
  - 3. Drilling spool with two (2) side outlets (choke side 3-inch minimum, kill side 2-inch minimum).
  - 4. 3-inch diameter choke line.
  - 5. Two (2) choke line valves (3-inch minimum).
  - 6. Kill line (2-inch minimum).
  - 7. Two (2) chokes.
  - 8. Two (2) kill line valves, one of which shall be a check valve (2-inch minimum).
  - 9. Upper kelly cock valve with handles available.
  - 10. Safety valve(s) & subs to fit all drill string connections in use.
  - 11. Pressure gauge on choke manifold.
  - 12. Fill-up line above the uppermost preventer.
- B. Pressure Rating: 3,000 psi

## C. Testing Procedure:

## Annular Preventer

At a minimum, the Annular Preventer will be pressure tested to 50% of the rated working pressure for a period of ten (10) minutes or until provisions of the test are met, whichever is longer.

At a minimum the above pressure test will be performed:

- 1. When the annular preventer is initially installed;
- 2. Whenever any seal subject to test pressure is broken;
- 3. Following related repairs; and
- 4. At thirty (30) day intervals.

In addition, the Annular Preventer will be functionally operated at least weekly.

## Blow-Out Preventer

At a minimum, the BOP, choke manifold, and related equipment will be pressure tested to the approved working pressure of the BOP stack (if isolated from the surface casing by a test plug) or to 70% of the internal yieldstrength of the surface casing (if the BOP is not isolated from the casing by a test plug). Pressure will be

maintained for a period of at least ten (10) minutes or until the requirmentsof the test are met, whichever is longer.

At a minimum, the above pressure test will be performed:

- 1. When the BOP is initially installed;
- 2. Whenever any seal subject to test pressure is broken;
- 3. Following related repairs; and
- 4. At thirty (30) day intervals.

In addition the pipe and blind rams will be activated each trip, but not more than once each day. All BOP drills and tests will be recorded in the IADC driller's log.

## D. Choke Manifold Equipment:

All choke lines will be straight lines unless turns use tee blocks or are targeted with running tees, and will be anchored to prevent whip and vibration.

## E. Accumulator:

The accumulator will have sufficient capacity to open the hydraulically-controlled choke line valve (if so equipped), close all rams plus the annular preventer, and retain a minimum of 200 psi above precharge on the closing manifold without the use of closing unit pumps. The fluid reservoir capacity will be double the usable fluid volume of the accumulator system capacity and the fluid level of the reservoir will be maintained at the manufacturer's recommendations.

The BOP system will have two (2) independent power sources to close the preventers. Nitrogen bottles (3 minimum) will be one (1) of these independent power sources and will maintain a charge equal to the manufacturer's specifications.

The accumulator precharge pressure test will be conducted prior to connecting the closing unit to the BOP stack and at least once every six (6) months thereafter. The accumulator pressure will be corrected if the measured precharge pressure is found to be above or below the maximum or minimum limits specified in the Onshore Oil & Gas Order Number 2.

A manual locking device (i.e. hand wheels) or automatic locking device will be installed on all systems of 2M or greater. A valve will be installed in the closing line as close as possible to the annular preventer to act as a locking device. This valve will be maintained in the open position and will be closed only when the power source for the accumulator is inoperative.

'APIWellNo:43007500260000'

Remote controls shall be readily accessible to the driller. Remote controls for all 3M or greater systems will be capable of closing all preventers. Remote controls for 5M or greater systems will be capable of both opening and closing all preventers. Master controls will be at the accumulator and will be capable of opening and closing all preventers and the choke line valve (if so equipped).

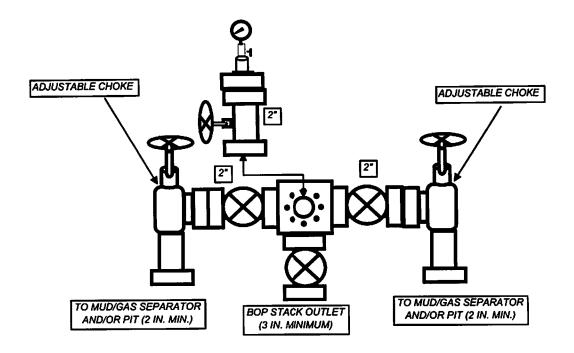
## F. Miscellaneous Information:

The Blow-Out Preventer and related pressure control equipment will be installed, tested and maintained in compliance with the specifications in and requirements of *Onshore Oil & Gas Order Number 2*. The choke manifold will be located outside the rig sub-structure. The hydraulic BOP closing unit will be located at least twenty-five (25) feet from the well head but readily accessible to the driller. Exact locations and configurations of the hydraulic BOP closing unit will depend upon the particular rig contracted to drill this hole.

A flare line will be installed after the choke manifold, extending 125 feet (minimum) from the center of the drill hole to a separate flare pit.

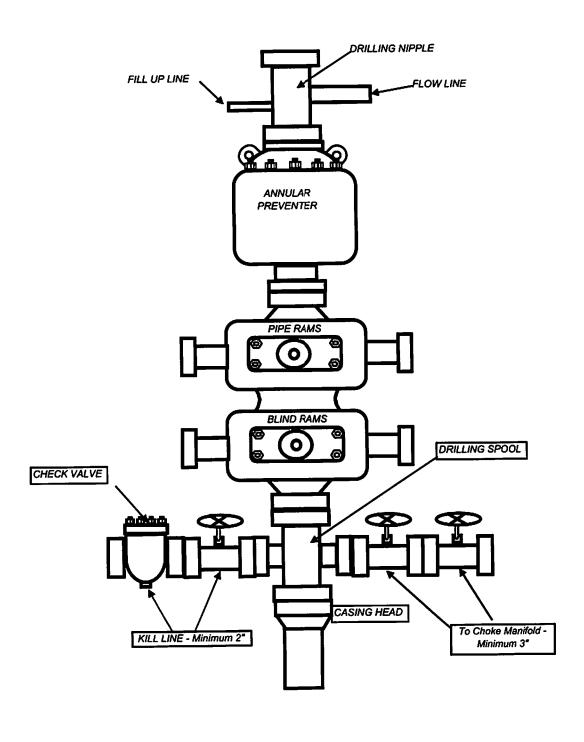
## **BILL BARRETT CORPORATION**

## TYPICAL 3,000 p.s.i. CHOKE MANIFOLD



# **BILL BARRETT CORPORATION**

## TYPICAL 3,000 p.s.i. BLOWOUT PREVENTER





June 25, 2010

Ms. Diana Mason State of Utah Division of Oil, Gas and Mining 1594 West North Temple, Suite 1210 P.O. Box 145801 Salt Lake City, Utah 84114-5801

RE:

Directional Drilling R649-3-11

Peters Point Unit Federal 13-31D-12-17

SHL: 290' FSL & 545' FWL SWSW 31-T12S-R17E BHL: 652' FSL & 642' FWL SWSW 31-T12S-R17E

Carbon County, Utah

Dear Ms. Mason:

Pursuant to the filing of Bill Barrett Corporation's ("BBC") Application for Permit to Drill ("APD") regarding the above referenced well, we are hereby submitting this letter in accordance with Oil & Gas Conservation Rule R649-3-11 pertaining to the "Exception to Location and Siting of Wells."

- The above-mentioned proposed location is within the Peters Point Unit Area;
- BBC is permitting this well as a directional well in order to minimize surface disturbance. By locating the well at the surface location and directionally drilling from this location, BBC will be able to utilize the existing road and pipelines in the area;
- BBC hereby certifies that it is the sole working interest owner within 460 feet of the entire directional well bore.

Based on the information provided, BBC requests that the permit be granted pursuant to R649-3-11. If you should have any questions or need further information, please contact me at 303-312-8129.

Sincerely,

Vicki L. Wambolt

Landman

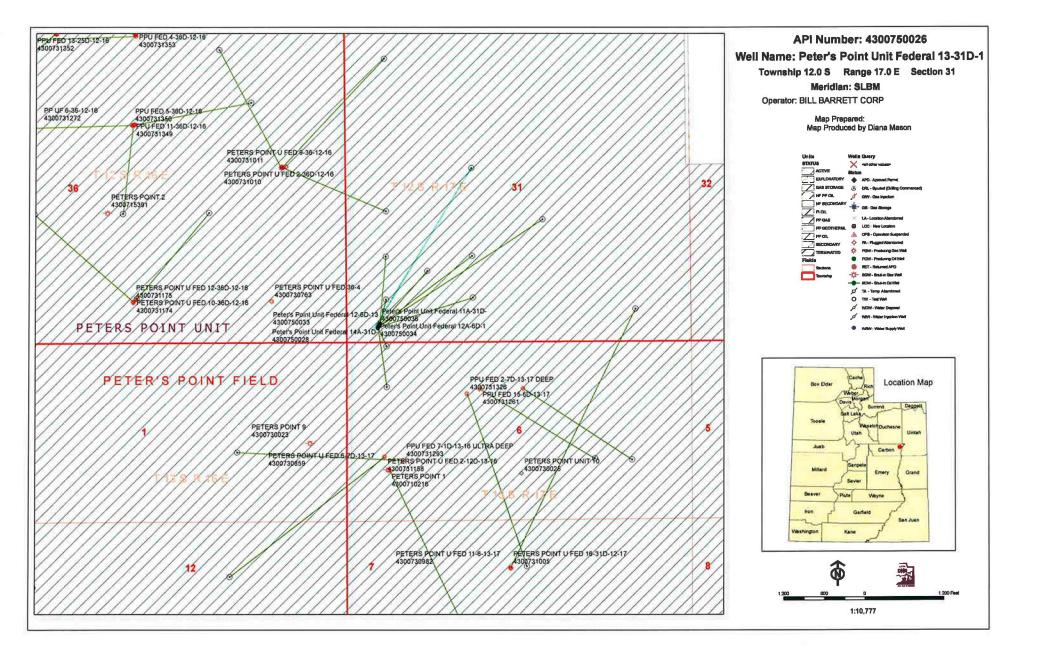
1099 18TH STREET

**SUITE 2300** 

DENVER, CO 80202

P 303.293.9100

F 303.291.0420



## WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED:	6/29/2010	API NO. ASSIGNED:	43007500260000
	Peter's Point Unit Federal	I 13-31D-12-17	
OPERATOR:	BILL BARRETT CORP (N2:	165) PHONE NUMBER:	303 293-9100
CONTACT:	Elaine Winick		
PROPOSED LOCATION:	SWSW 31 120S 170E	Permit Tech Review:	
SURFACE:	0290 FSL 0545 FWL	Engineering Review:	
	0467 FSL 0591 FWL	Geology Review:	
COUNTY:			
LATITUDE:		LONGITUDE:	
UTM SURF EASTINGS:		NORTHINGS:	4397319.00
	UNDESIGNATED		
LEASE TYPE:			
LEASE NUMBER:	UTU0737 PROPO	OSED PRODUCING FORMATION(S): MESA VERD	E
SURFACE OWNER:	1 - Federal	COALBED METHANE:	NO
RECEIVED AND/OR REVIEW	'ED:	LOCATION AND SITING:	
<b>₽</b> PLAT		R649-2-3.	
<b>▶ Bond:</b> FEDERAL - WYB00	0040	Unit: PETERS POINT	
Potash		R649-3-2. General	
Oil Shale 190-5			
Oil Shale 190-3		R649-3-3. Exception	
Oil Shale 190-13		✓ Drilling Unit	
<b>✓ Water Permit:</b> Nine Mile	Creek	Board Cause No: Cause 157-03	
RDCC Review:		Effective Date: 5/29/2001	
Fee Surface Agreement	:	Siting: 460' Fr Exterior Unit Boundary	
Intent to Commingle		R649-3-11. Directional Drill	
Commingling Approved			
Comments: Presite Com APD IS IN UPOD:			
stimulations: 4 - Foderal	LADDEOVAL - OMASOD		

Stipulations: 4 - Federal Approval - dmason 15 - Directional - dmason API Well No: 43007500260000



### State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

#### **Permit To Drill**

\*\*\*\*\*\*

Well Name: Peter's Point Unit Federal 13-31D-12-17

**API Well Number:** 43007500260000

Lease Number: UTU0737 Surface Owner: FEDERAL Approval Date: 7/6/2010

#### **Issued to:**

BILL BARRETT CORP, 1099 18th Street Ste 2300, Denver, CO 80202

#### **Authority:**

Pursuant to Utah Code Ann. §40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of Cause 157-03. The expected producing formation or pool is the MESA VERDE Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

#### **Duration:**

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date

#### General:

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

#### **Conditions of Approval:**

State approval of this well does not supercede the required federal approval, which must be obtained prior to drilling.

In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.

#### **Notification Requirements:**

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

 Within 24 hours following the spudding of the well – contact Carol Daniels at 801-538-5284 (please leave a voicemail message if not available)
 OR

submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website at https://oilgas.ogm.utah.gov

#### **Reporting Requirements:**

API Well No: 43007500260000

All reports, forms and submittals as required by the Utah Oil and Gas Conservation General Rules will be promptly filed with the Division of Oil, Gas and Mining, including but not limited to:

- Entity Action Form (Form 6) due within 5 days of spudding the well
- Monthly Status Report (Form 9) due by 5th day of the following calendar month
- Requests to Change Plans (Form 9) due prior to implementation
- Written Notice of Emergency Changes (Form 9) due within 5 days
- Notice of Operations Suspension or Resumption (Form 9) due prior to implementation
- Report of Water Encountered (Form 7) due within 30 days after completion
- Well Completion Report (Form 8) due within 30 days after completion or plugging

**Approved By:** 

Acting Associate Director, Oil & Gas

	STATE OF UTAH		FORM 9			
	DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINII	NG	5.LEASE DESIGNATION AND SERIAL NUMBER: UTU0737			
	RY NOTICES AND REPORTS O		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:			
	sals to drill new wells, significantly deepen ex ugged wells, or to drill horizontal laterals. Use		7.UNIT or CA AGREEMENT NAME: PETERS POINT			
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: PETERS POINT UNIT FED 13-31D-12-17			
2. NAME OF OPERATOR: BILL BARRETT CORP			9. API NUMBER: 43007500260000			
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , [		NUMBER: 8164 Ext	9. FIELD and POOL or WILDCAT: UNDESIGNATED			
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0290 FSL 0545 FWL			COUNTY: CARBON			
QTR/QTR, SECTION, TOWNSHI Qtr/Qtr: SWSW Section: 3:	STATE: UTAH					
CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA						
TYPE OF SUBMISSION	TYPE OF SUBMISSION TYPE OF ACTION					
In accordance with Completion Into Two commingling app composition is similar formations is similar considered to be interval is required production logs and a	ACIDIZE					
NAME (PLEASE PRINT)	PHONE NUMBER	TITLE Desirations Applies				
Tracey Fallang SIGNATURE	303 312-8134	Regulatory Analyst  DATE  9/36/3010				
N/A		8/26/2010				



August 5, 2010

Utah Division of Oil, Gas & Mining 1594 W. North Temple, Suite 1210 Salt Lake City, UT 84116

Attention: Dustin Doucet

RE: Sundry Notices

Peters Point Unit Section 31 T12S R17E Section 6 T13S R17E

Carbon Co., UT

Bill Barrett Corporation has submitted Sundry Notices to commingle production from the Wasatch and Mesaverde Formations in the Peters Point Unit Federal 13A-31D-12-17, 13-31D-12-17, 11-31D-12-17, 10-31D-12-17, 14-31D-12-17, 12-6D-13-17, 12A-6D-13-17, 14A-31D-12-17 & 11A-31D-12-17 wells. As required by the Utah OGM regulations R649-3-22, BBC has enclosed copies of the completed Sundry Notices.

Should you require additional information in this regard, please feel free to contact me at 303-312-8513.

**BILL BARRETT CORPORATION** 

Vicki L. Wambolt

Landman

**Enclosures** 

1099 18TH STREET
SUITE 2300
DENVER, CO 80202
P 303.293.9100

303.291.0420



#### AFFIDAVIT OF NOTICE

My name is Vicki L. Wambolt and I am a Landman with Bill Barrett Corporation (BBC). BBC has submitted Sundry Notices to commingle production from the Wasatch and Mesaverde Formations in the Peters Point Unit Federal 13A-31D-12-17, 13-31D-12-17, 11-31D-12-17, 10-31D-12-17, 14-31D-12-17, 12-6D-13-17, 12A-6D-13-17, 14A-31D-12-17 & 11A-31D-12-17 wells drilled from the 13-31 pad located in the SWSW of Section 31, Township 12 South, Range 17 East. In compliance with the Utah OGM regulation R649-3-22, I have provided a copy of the Sundry Notices, by certified mail, to the owners as listed below of all contiguous oil and gas leases or drilling units overlying the pool.

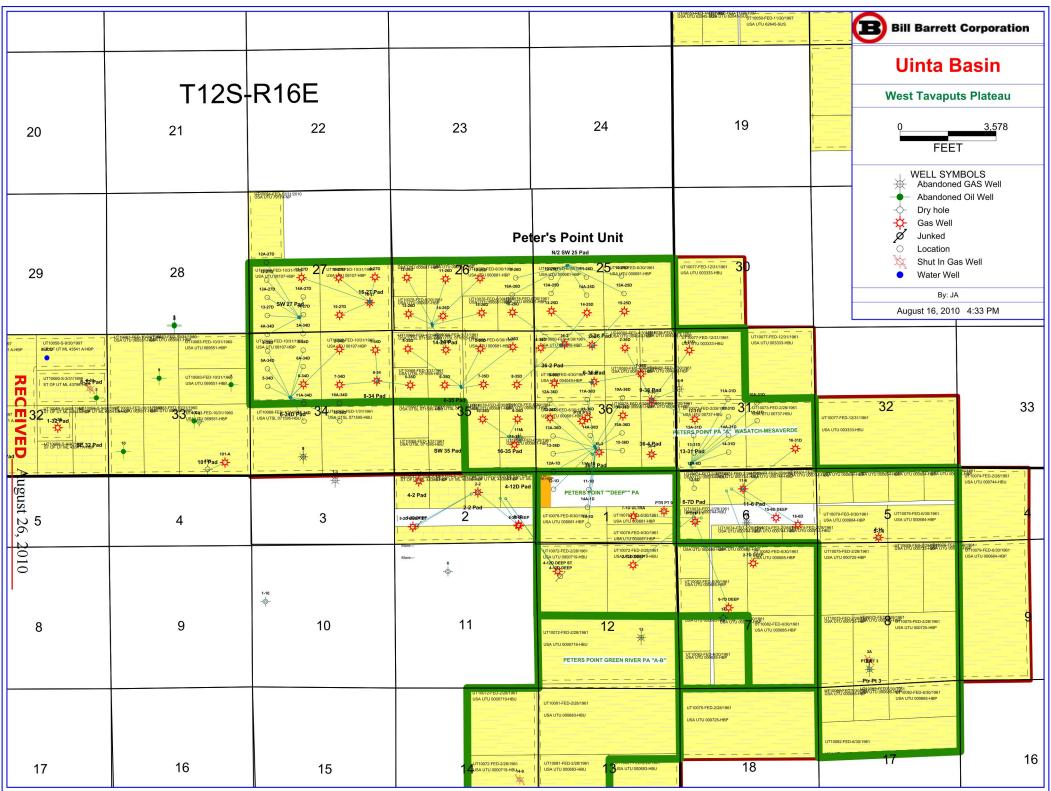
State of Utah School and Institutional Trust Lands Administration 675 East 500 South, Suite 500 Salt Lake City, UT 84102

Bureau of Land Management Price Field Office 125 South 600 West Price, UT 84501

Date: August 5, 2010

Affiant

Vicki L. Wambolt





August 5, 2010

Bureau of Land Management Price Field Office 125 South 600 West Price, UT 84501

Certified Mail 7008 2810 0002 3823 8828

Attention: Marvin Hendricks

RE: Sundry Notices

Peters Point Unit Section 31 T12S R17E Section 6 T13S R17E Carbon Co., UT

Bill Barrett Corporation has submitted Sundry Notices to commingle production from the Wasatch and Mesaverde Formations in the Peters Point Unit Federal 13A-31D-12-17, 13-31D-12-17, 11-31D-12-17, 10-31D-12-17, 14-31D-12-17, 12-6D-13-17, 12A-6D-13-17, 14A-31D-12-17 & 11A-31D-12-17 wells. As required by the Utah OGM regulations R649-3-22, BBC has enclosed copies of the completed Sundry Notices.

Should you require additional information in this regard, please feel free to contact me at 303-312-8513.

BILL BARRETT CORPORATION

Vicki L. Wambolt

Landman

**Enclosures** 

1099 18TH STREET SUITE 2300 DENVER, CO 80202 O 303 293 9100

303 291 0420



August 5, 2010

State of Utah

Certified Mail 7008 2810 0002 3823 8835
School and Institutional Trust Lands Administration
675 East 500 South, Suite 500
Salt Lake City, UT 84102

Attention: LaVonne Garrison

RE: Sundry Notices

Peters Point Unit Section 31 T12S R17E Section 6 T13S R17E Carbon Co., UT

Bill Barrett Corporation has submitted Sundry Notices to commingle production from the Wasatch and Mesaverde Formations in the Peters Point Unit Federal 13A-31D-12-17, 13-31D-12-17, 11-31D-12-17, 10-31D-12-17, 14-31D-12-17, 12-6D-13-17, 12A-6D-13-17, 14A-31D-12-17 & 11A-31D-12-17 wells. As required by the Utah OGM regulations R649-3-22, BBC has enclosed copies of the completed Sundry Notices.

Should you require additional information in this regard, please feel free to contact me at 303-312-8513.

BILL BARRETT CORPORATION

Vicki L. Wambolt

Landman

**Enclosures** 

1099 18TH STREET
SUITE 2300
DENVER, CO 80202
P 303.293.9100
F 303.291.0420

### **DIVISION OF OIL, GAS AND MINING**

#### **SPUDDING INFORMATION**

Name of Cor	mpany:	BILL BAR	<u>RETT</u>	CORPOR	ATION	
Well Name	:	PETERS I	POINT	UNIT FE	<u>ID 13-31D-1</u>	2-17
Api No:	43-007-500	26	_Lease	e Type	FEDERAL	4
Section 31	_Township_12	2S Range	17E	County_	CARBO	<u>N</u>
Drilling Cor	ntractor PE	<u> FE MARTI</u>	N DRI	.G, LC	RIG #	BUCKET
SPUDDE	<b>D:</b> Date	10/04/2010	)			
	Time					
	How	DRY				
Drilling wi	ill Commend	ce:			•••	
Reported by		DOC AS	SAY			
Telephone #		(307) 2:	58-058 <u>(</u>	0		
Date	10/04/2010	Signed_	CH	łD		

# STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

ENTITY ACTION FORM				
perator:	Bill Barrett Corporation	Operator Account Number: N 2165		
ddress:	1099 18th Street, Suite 2300	Operator Account Number. 14		
	city Denver			
	state CO zip 8020	D2 Phone Number: (303) 312-8134		

Well 1

12-17 Itity er	swsw s <sub>I</sub>	31 <b>pud Da</b>	12S	17E	Carbon
	Sı	pud Da	te	Entify	. A
ا م	Spud Date		Entity Assignment Effective Date		
10	1	0/4/201	0	101	19/10
	tor pipe	ctor pipe only.	<del></del>	ctor pipe only.	10/4/2010 /0/ etor pipe only.

Well 2

	lame	QQ	Sec	Twp	Rng	County
Peter's Point Unit Fed	eral 13A-31D-12-17	swsw	31	128	17E	Carbon
Current Entity Number	New Entity Number	Sı	oud Dat	te	Entity	y Assignment ective Date
99999	2470	1	0/4/201	0	in	119/10
	Current Entity Number	Number         Number           99999         3470	Current Entity New Entity Sp Number Number	Current Entity New Entity Number Spud Date Number 10/4/201	Current Entity New Entity Number Spud Date Number 10/4/2010	Current Entity New Entity Number Spud Date Entity Number Spud Date Entity Eff

Well 3

er's Point Unit Fed urrent Entity	leral 11A-31D-12-17	swsw	31			
urrent Entite	the state of the s	1	31	128	17E	Carbon
Number .	New Entity Number	Sı	oud Dat	<b>.</b>		y Assignment fective Date
79999	3470	1	0/5/201	0	101	19/10
	79999	79999 3470	ple AAA Drilling, setting conductor pipe only.	ole AAA Drilling, setting conductor pipe only.	ple AAA Drilling, setting conductor pipe only.	ple AAA Drilling, setting conductor pipe only.

#### **ACTION CODES:**

- A Establish new entity for new well (single well only)
- B Add new well to existing entity (group or unit well)
- C Re-assign well from one existing entity to another existing entity
- D Re-assign well from one existing entity to a new entity
- E Other (Explain in 'comments' section)

RECEIVED

Tracey Fallang

Name (Please Print)

Signature

Regulatory Manager

Title

70/13/2010

Date

(5/2000)

OCT 1 3 2010

STATE OF UTAH					FORM 9	
	DEPARTMENT OF NATURAL RESOUR DIVISION OF OIL, GAS, AND M		3	5.LEAS	E DESIGNATION AND SERIAL NUMBER: 737	
\$10,000 \$40,000 \$100,000 \$100	RY NOTICES AND REPORT			6. IF I	NDIAN, ALLOTTEE OR TRIBE NAME:	
Do not use this form for proposition-hole depth, reenter plu DRILL form for such proposals.	sals to drill new wells, significantly deepe igged wells, or to drill horizontal laterals	en exist . Use A	ting wells below current PPLICATION FOR PERMIT TO		or CA AGREEMENT NAME: S POINT	
1. TYPE OF WELL Gas Well					L NAME and NUMBER: S POINT UNIT FED 13-31D-12-17	
2. NAME OF OPERATOR: BILL BARRETT CORP					NUMBER: '500260000	
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300, D			UMBER: .64 Ext		<b>D</b> and <b>POOL</b> or <b>WILDCAT</b> : SIGNATED	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0290 FSL 0545 FWL				COUNT		
QTR/QTR, SECTION, TOWNSHI Qtr/Qtr: SWSW Section: 31	P, RANGE, MERIDIAN: L Township: 12.0S Range: 17.0E Meridia	n: S		STATE: UTAH		
CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA						
TYPE OF SUBMISSION			TYPE OF ACTION			
	☐ ACIDIZE		ALTER CASING		CASING REPAIR	
NOTICE OF INTENT Approximate date work will start:	CHANGE TO PREVIOUS PLANS		CHANGE TUBING		CHANGE WELL NAME	
SUBSEQUENT REPORT	CHANGE WELL STATUS		COMMINGLE PRODUCING FORMATIONS	· 🗆	CONVERT WELL TYPE	
Date of Work Completion:	☐ DEEPEN		FRACTURE TREAT	Ц	NEW CONSTRUCTION	
	☐ OPERATOR CHANGE		PLUG AND ABANDON		PLUG BACK	
SPUD REPORT Date of Spud:	PRODUCTION START OR RESUME	_	RECLAMATION OF WELL SITE		RECOMPLETE DIFFERENT FORMATION	
	☐ REPERFORATE CURRENT FORMATION	_	SIDETRACK TO REPAIR WELL		TEMPORARY ABANDON	
✓ DRILLING REPORT	☐ TUBING REPAIR		VENT OR FLARE		WATER DISPOSAL	
Report Date: 10/31/2010	☐ WATER SHUTOFF	_	SI TA STATUS EXTENSION	Ш	APD EXTENSION	
10/31/2010	☐ WILDCAT WELL DETERMINATION	Ц.	OTHER	отн	ER:	
	MPLETED OPERATIONS. Clearly show all p OBER 2010 MONTHLY ACTIV			, volumes,	etc.	
				Accep	ted by the	
			_		Division of	
					and Mining	
			FO	RRI	ECORD ONLY	
					,	
NAME (PLEASE PRINT) Brady Riley	<b>PHONE NUMBE</b> 303 312-8115	R	<b>TITLE</b> Permit Analyst			
SIGNATURE N/A			<b>DATE</b> 11/4/2010			



#### Peter's Point #13-31D-12-17 10/8/2010 12:00 - 10/8/2010 18:00

Total Depth (ftKB) State/Province County Field Name Primary Job Type 4300750026 West Tavaputs **Drilling & Completion** 

Time Log Summary

Drilled and set 40' of 16" conductor - 0

Peter's Point #13-31D-12-17 10/9/2010 06:00 - 10/10/2010 06:00

ield Name Well Status Total Depth (ftKB) Primary Job Type 4300750026 West Tavaputs 40.0 **Drilling & Completion** 

Time Log Summary

Mobe all rig components to location except the rig. - 12, Wait on cat to snub rig up cotton wood canyon dugway. - 12

Peter's Point #13-31D-12-17 10/10/2010 06:00 - 10/11/2010 06:00

State/Province County Field Name Total Depth (ftKB) Primary Job Type 4300750026 West Tavaputs **Drilling & Completion** 40.0

Time Log Summary

Mobe rig in and rig up - 6, Drill 12 1/4 surface hole 820" - 18

Peter's Point #13-31D-12-17 10/11/2010 06:00 - 10/12/2010 06:00

Total Depth (ftKB) Primary Job Type County 4300750026 West Tavaputs 40.0 **Drilling & Completion** 

Time Log Summary

Drill 12 1/4 surface hloe to 1009.90 - 6, laydown drill pipe - 2, run 9 5/8 casing - 4

Report Printed: 11/4/2010

Form 3160-3 (August 2007)

#### **UNITED STATES** DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**



FORM APPROVED OMB No. 1004-0136 Expires July 31, 2010

Lease Serial No. UTU0737

ΔPPI	<b>ICATION</b>	FOR	PERMIT T	ODRILL	OR	REENTER	
~		1 01	L TIVIAII I	ODNILL	OIV	IVE FIA I FIV	

6. If Indian, Allottee or Tribe Name

		1		
la. Type of Work: DRILL REENTER		7. If Unit or CA Agreement, Name UTU63014D	and No.	
lb. Type of Well: ☐ Oil Well ☐ Gas Well ☐ Otl	ner Single Zone Multiple Zone	8. Lease Name and Well No. PETERS POINT UNIT FEDE	RAL 13-31D-12-17	
BILL BARRETT CORPORATION E-Mail: ewinick(		9. API Well No. 43-007-50026		
3a. Address 1099 18TH STREET, SUITE 2300 DENVER, CO 80202	3b. Phone No. (include area code) Ph: 303.312.8168	10. Field and Pool, or Exploratory PETERS POINT		
At surface SWSW 290FSL 545FWL     At proposed prod. zone SWSW 652FSL 642FWL		II. Sec., T., R., M., or Blk. and Su Sec 31 T12S R17E Mer S SME: BLM	•	
14. Distance in miles and direction from nearest town or post 54 MILES FROM MYTON UTAH	office*	12. County or Parish CARBON	13. State UT	
<ol> <li>Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any)</li> <li>LEASE, 4960' UNIT</li> </ol>	16. No. of Acres in Lease 312.50	17. Spacing Unit dedicated to this 40.00	well	
<ol> <li>Distance from proposed location to nearest well, drilling, completed, applied for, on this lease, ft.</li> <li>1250'</li> </ol>	19. Proposed Depth 7200 MD 7200 TVD	20. BLM/BIA Bond No. on file WYB000040		
21. Elevations (Show whether DF, KB, RT, GL, etc. 6749 GL	22. Approximate date work will start 08/01/2010	23. Estimated duration 40 DAYS (D&C)		
	24 Attachments			

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

- Well plat certified by a registered surveyor.
   A Drilling Plan.
- 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).
- Bond to cover the operations unless covered by an existing bond on file (see Item  $20\ \mathrm{above}$ ).
- Operator certification
- Such other site specific information and/or plans as may be required by the authorized officer.

25. Signature (Electronic Submission)	Name (Printed/Typed) ELAINE WINICK Ph: 303.312.8168	Date 06/28/2010
Title SR PERMIT ANALYST		
Approved by (Signature)  Title  Approved by (Signature)	Name (Printed/Typed) Stephanie J Howayd	9/16/10
A ACTING FIELD MANAGER	Office PRICE FIELD OFFICE	

Application approval does not warrant or certify the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Electronic Submission #88657 verified by the BLM Well Information System For BILL BARRETT CORPORATION, sent to the Moab Committed to AFMS\$ for processing by ANITA JONES on 07/06/2010 (10AIJ0211AE)

NOTICE OF **APPROVAL** 

NOV 08 2000

DIV. OF OIL, GAS & MINING

CONDITIONS OF APPROVAL ATTACHED



#### UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT** PRICE FIELD OFFICE



**125 SOUTH 600 WEST** 

**PRICE, UT 84501** 

(435) 636-3600

#### CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: Well No:

**Bill Barrett Corporation** 

Peters Point Unit Federal 13-31D-12-17

API No: 43-007-50026

Surface Location: SWSW-Sec 31-T12S-R17E

Lease No: Agreement: UTU-0737 UTU-63014D

**OFFICE NUMBER:** 

(435) 636-3600

**OFFICE FAX NUMBER:** 

(435) 636-3657

#### A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR FIELD REPRESENTATIVE TO INSURE COMPLIANCE

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.

#### **NOTIFICATION REQUIREMENTS**

Location Construction (Notify NRS)	-	Forty-Eight (48) hours prior to construction of location and access roads.
Location Completion (Notify NRS)	-	Prior to moving on the drilling rig.
Spud Notice (Notify Petroleum Engineer)	-	Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Petroleum Eng. Technician)	-	Twenty-Four (24) hours prior to running casing and cementing all casing strings.
BOP & Related Equipment Tests (Notify Petroleum Eng. Technician)	-	Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify Petroleum Engineer)	-	Within Five (5) business days after new well begins, or production resumes after well has been off production for more than ninety (90) days.



Page 2 of 8 Date: 9/15/2010

Well: Peters Point Unit Federal 13-31D-12-17

## DRILLING PROGRAM CONDITIONS OF APPROVAL (COAs)

#### SITE SPECIFIC DRILLING & PRODUCTION COAS

- While drilling the surface hole with air, a float valve shall be run above the bit, per Onshore Order #2 Part III.E Special Drilling Operations.
- Bill Barrett Corporation (BBC) proposed the possibility of using several different grades of production casing (including N-80, I-80, I-100 and P-110). Per subsequent conversations with BBC, BBC stated only P-110 grade production casing will be used for this well. Therefore, use of N-80, I-80 and I-100 casing is not approved for use in this well, however the use of any of these grades may be requested in the future by sundry notice.
- A cement bond log (CBL) shall be run to determine the top of cement behind the production casing, and a field copy sent to the Price Field Office.
- A complete set of angular deviation and directional surveys for this directional well will be submitted to the Price Field Office petroleum engineer within 30 days of completing the well.
- A copy of the approved Application for Permit to Drill (APD) for this well shall be on location at all times once drilling operations have commenced.

#### **VARIANCES GRANTED**

- BBC's request for variance to not use de-duster equipment (Onshore Order #2 Part III.E Special Drilling Operations) is granted, unless the air/mist system is not used.
- BBC's request for variance to use an electronic flow meter for gas measurement (Onshore Order #5 Measurement of Gas) is granted as long as it meets or exceeds the requirements of Utah NTL 2007-1 regarding the use of Electronic Flow Computers.
- BBC's request for variance from Onshore Order #5 Part III.C.3 Gas Measurement by Orifice
  Meter to use a flow conditioner on this well instead of straightening vanes is approved with the
  following conditions:
  - 1. Flow conditioners must be installed in accordance with the manufacturer's specifications.
  - 2. The make, model, and location of flow conditioner must be clearly identified and available to BLM on-site at all times.
  - 3. This is a provisional approval that is subject to change pending final review and analysis by BLM. If BLM determines that this flow conditioner cannot meet or exceed the minimum standards required by Onshore Order #5, you will be required to retrofit the installation to comply with BLM requirements, or replace the installation with one that complies with AGA Report Number 3, 1985. The time frame for compliance will be specified by the Price Field Office.

Page 3 of 8 Date: 9/15/2010

Well: Peters Point Unit Federal 13-31D-12-17

#### STANDARD OPERATING REQUIREMENTS

- The requirements included in Onshore Order #2 Drilling Operations shall be followed.
- The Price Field Office petroleum engineer will be notified 24 hours verbally prior to spudding the well.
- Notify the Price Field Office petroleum engineering technician at least 24 hours in advance of casing cementing operations, BOPE tests and casing pressure or mud weight equivalency tests.
- Should H<sub>2</sub>S be encountered in concentrations greater than 100 ppm, the requirements of Onshore Order #6 Hydrogen Sulfide Operations shall be followed.
- Any deviation from the permitted APD's proposed drilling program shall have prior approval from
  the petroleum engineer. Changes may be requested verbally (to be followed by a written sundry
  sent to this office), or submitted by written sundry if time warrants.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed. The
  closing unit controls shall remain unobstructed and readily accessible at all times, and choke
  manifolds shall be located outside of the rig substructure.
- BOP testing shall be conducted within 24 hours of drilling out from under the surface casing, and weekly thereafter as specified in Onshore Order #2.
- All BOPE components shall be inspected daily, and the inspections recorded in the daily drilling report. Components shall be operated and tested, as required by Onshore Order #2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder, and not by the rig pumps. Test results shall be reported in the driller's log.
- All casing strings below the conductor pipe shall be pressure tested to .22 psi/foot or 1500 psi (whichever is greater), but not to exceed 70% of the internal yield pressure.
- No aggressive/fresh hard-banded drill pipe shall be used in the casing design. The proposed use of non-API standard casing must be approved in advance by the petroleum engineer.
- During drilling operations, daily drilling reports shall be submitted by sundry on a weekly basis to the Price Field Office. Within 30 days of finishing drilling and completion operations, a chronological daily operations history shall be submitted by sundry to this office.
- A copy of all logs run on this well shall be submitted digitally (in PDF or TIFF format) to the Price Field Office.
- The venting or flaring of gas while initially testing the well shall be done in accordance with the requirements specified in Notice to Lessees #4A, and shall not exceed a period of 30 days or the production of 50 MMCF of gas, whichever occurs first. Additional time needed to vent or flare gas during production operations requires prior approval from the Price Field Office.
- Should this well be successfully completed as a producing well, the Price Field Office must be notified within 5 business days following the date the well has first sales.

Page 4 of 8 Date: 9/15/2010

Well: Peters Point Unit Federal 13-31D-12-17

#### STANDARD OPERATING REQUIREMENTS (cont.)

- Proposed production operations that involve: 1) the commingling of production from wells located on-lease or off-lease, 2) off-lease measurement, or 3) off-lease storage shall have prior written approval from the Price Field Office.
- Operators shall meet the requirements listed in Onshore Order #4 Measurement of Oil and Onshore Order #5 Measurement of Gas. New oil and gas meters shall be calibrated prior to initial product sales. The operator (or its contractors) is responsible for providing the date and time of the initial meter calibration (and all future meter proving schedules) to the petroleum engineering technician. Copies of all meter calibration reports that are performed shall be submitted to the Price Field Office.
- In accordance with 43 CFR 3162.4-3, this well's production data shall be reported on the "Monthly Report of Operations" starting with the month in which operations commence and continue each month until the well is plugged and abandoned.
- The operator is responsible for submitting the information required in 43 CFR 3162.4-1 Well Records and Reports, including BLM Form 3160-4, Well Completion and Recompletion Report and Log which must be submitted to the Price Field Office within 30 days of completing the well.
- Onshore Order #7 authorizes the disposal of water produced from this well in the reserve pit for a period of 90 days after the date of initial production. A permanent disposal method must be submitted and approved by this office, and in operation prior to the end of this 90-day period.
- The requirements of Onshore Order #3 Site Security shall be implemented, and include (as applicable): 1) all lines entering and leaving hydrocarbon storage tanks shall be effectively sealed and seal records maintained, 2) no by-passes are allowed to be constructed around gas meters, 3) a site facility diagram shall be submitted to the Price Field Office within 60 days following construction of the facilities.
- Additional construction that is proposed, or the proposed alteration of existing facilities (including roads, gathering lines, batteries, etc.), which will result in the disturbance of new ground, requires prior approval of the Price Field Office natural resource specialist.
- This well and its associated facilities shall have identifying signs on location in accordance with 43 CFR 3162.6 requirements.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the Price Field Office natural resource specialist.
- The Price Field Office petroleum engineer shall be notified 24 hours in advance of the plugging
  of the well (unless the plugging is to take place immediately upon receipt of oral approval), so
  that a technician may have sufficient time to schedule and witness the plugging operations.
- If operations are to be suspended on a well for more than 30 days, prior approval of the Price Field Office shall be obtained, and notification also given before operations resume.

Page 5 of 8 Date: 9/15/2010

Well: Peters Point Unit Federal 13-31D-12-17

## SURFACE USE CONDITIONS OF APPROVAL

Project Name: BBC Peter's Point Drilling Program One Multiple Well Location

Operator: Bill Barrett Corporation

#### List of Wells:

Peter's Point Unit Federal 13A-31D-12-17 31 12S/17E Peter's Point Unit Federal 13-31D-12-17 Peter's Point Unit Federal 11-31D-12-17 Peter's Point Unit Federal 10-31D-12-17 Peter's Point Unit Federal 12-6D-13-17 Peter's Point Unit Federal 12A-6D-13-17	Name	Number	Section	TWP/RNG
Peter's Point Unit Federal 14A-31D-12-17 Peter's Point Unit Federal 11A-31D-12-17	Peter's Point Unit Federal	13-31D-12-17 11-31D-12-17 10-31D-12-17 14-31D-12-17 12-6D-13-17 12A-6D-13-17 14A-31D-12-17	31	12S/17E

#### I To be followed as Conditions of Approval:

The following attachments from the Record of Decision West Tavaputs Plateau Natural Gas Full Field Development Plan:

Attachment 2	Conditions of Approval and Stipulations
Attachment 3	Green River District Reclamation Guidelines
Attachment 4	Programmatic Agreement
Attachment 5	Special Protection Measures for Wildlife
Attachment 6	Agency Wildlife Mitigation Plan
Attachment 7	Long-Term Monitoring Plan for Water Resources
Attachment 8	Mitigation Compliance and Monitoring Plan

#### Il Site Specific Conditions of Approval

- 1. A pre-construction field meeting may be conducted prior to beginning any dirt work approved under this APD. The operator shall contact the BLM Authorized Officer Don Stephens @ 435-636-3608 at least 48-hours prior to beginning operations so that the meeting can be scheduled. The operator is responsible for having all contractors present (dirt contractors, drilling contractor, pipeline contractor, project oversight personnel, etc.) including the overall field operations superintendent, and for providing all contractors copies of the approved APD(s), project map and BLM Conditions of Approval pertinent to the work that each will be doing.
- 2. A Paleontologist permitted by BLM will monitor construction activity during surface disturbing activities described in the APD. If paleontologic resources are uncovered during construction activities, the operator shall immediately suspend all operations that will further disturb such resources, and immediately notify the Authorized Officer (AO). The AO will arrange for a determination of significance and, if necessary, recommend a recovery or avoidance plan. Contact

Page 6 of 8 Date: 9/15/2010 Well: Peters Point Unit Federal 13-31D-12-17

the Price Field Office paleontological lead (Michael Leschin @ 435-636-3619) prior to start of surface disturbing activities.

- 3. The cuttings trench shall be lined.
- 4. The cuttings shall not be removed from the location without prior approval of the Authorized Officer.
- 5. The operator shall follow the attached Upper Colorado River Recovery Program guidance.
- 6. The operator shall on an annual basis report to the BLM the acre feet of water used for the project with a total for each type of source. This report shall contain the information found under monitoring on page 53 of attachment 9 (Biological Opinion) of the WTP ROD and shall be reported to BLM by September 15, of each year.
- 7. When water is pumped directly from Nine Mile Creek or perennial drainages, the following measures shall be applied to reduce or eliminate direct impacts to habitat for the Colorado River fish species. Where directed by the BLM, the operator will construct erosion control devices (e.g., riprap, bales, and heavy vegetation) at culvert outlets. All construction activities shall be performed to retain natural water flows.
- 8. Contact Don Stephens, Natural Resource Specialist, (435) 636-3608, Bureau of Land Management, Price Field Office, if there are any questions concerning these surface use COAs.

#### III Standard Conditions of Approval

#### A. General

If any cultural values [sites, artifacts, human remains] are observed during operation of this lease/permit/right-of-way, they will be left intact and the Price Field Manager notified. The authorized officer will conduct an evaluation of the cultural values to establish appropriate mitigation, salvage or treatment. The operator is responsible for informing all persons in the area who are associated with this project that they will be subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, the operator is to immediately stop work that might further disturb such materials, and contact the authorized BLM officer (AO).

#### **B.** Construction

- 1. Remove all available topsoil from constructed well locations including areas of cut and fill, and stockpile at the site. Topsoil will also be salvaged for use in reclamation on all other areas of surface disturbance (roads, pipelines, etc.). Clearly segregate topsoil from excess spoil material.
- 2. During construction, emissions of particulate matter from well pad and road construction would be minimized by application of water or other non-saline dust suppressants with at least 50 percent control efficiency. Dust inhibitors (surfacing materials, non-saline dust suppressants, and water) will be used as necessary on unpaved roads that present a fugitive dust problem. The use of chemical dust suppressants on public surface will require prior approval from the BLM Authorized Officer.
- 3. The operator shall submit a Sundry Notice (Form 3160-5) to BLM for approval prior to construction of any new surface disturbing activities that are not specifically addressed in the approved APD.

Page 7 of 8 Date: 9/15/2010

Well: Peters Point Unit Federal 13-31D-12-17

#### C. Operations/Maintenance

In accordance with OSHA requirements, a file will be maintained onsite containing current Material Safety Data Sheets (MSDS) for all chemicals, compounds and/or substances which are used in the course of construction, drilling, completion and production operations.

#### D. Dry Hole/Reclamation

- 1. Phased reclamation plans will be submitted to BLM for approval prior to individual POD facility abandonment via a Notice of Intent (NOI) Sundry Notice.
- 2. BLM will not release the performance bond until all disturbed areas associated with the APD/POD have been successfully revegetated (evaluation will be made after the second complete growing season) and has met all other reclamation goals of the surface owner and surface management agency.
- 3. A Notice of Intent to Abandon and a Subsequent Report of Abandonment must be submitted for abandonment approval.
- 4. For performance bond release approval, a Final Abandonment Notice (with a surface owner release letter on split-estate) must be submitted prior to a final abandonment evaluation by BLM.

#### E. Producing Well

- 1. An interim reclamation plan shall be submitted to BLM within 90 days of APD approval.
- 2. Upgrade and maintain access roads and drainage control (e.g., culverts, drainage dips, ditching, crowning, surfacing, etc.) as necessary and as directed by the BLM Authorized Officer to prevent soil erosion and accommodate safe, environmentally-sound access.
- 3. Prior to construction of production facilities not specifically addressed in the APD, the operator shall submit a Sundry Notice to the BLM Authorized Officer for approval.

#### F. Roads and Pipelines

- 1. Roads constructed on BLM lands shall be constructed to allow for drainage and erosion control. The operator is responsible for maintenance of all roads authorized through the lease or right-of-way. Construction and maintenance shall comply with Class III Road Standards with a 16-ft wide graveled travel surface as described in BLM Manual Section 9113, and the BLM Gold Book standards, except as modified by BLM. Maintenance may include but is not limited to grading, applying gravel, snow removal, ditch cleaning, and headcut restoration/prevention.
- The operator may be required to provide an inspector under the direction of a registered professional engineer (PE) at all times during road construction. A PE shall certify (statement with PE stamp) that the road was constructed to the required Bureau of Land Management (BLM) road standards.
- 3. Erosion-control structures such as water bars, diversion channels, and terraces will be constructed to divert water and reduce soil erosion on the disturbed area. Road ditch turnouts shall be equipped with energy dissipaters as needed to avoid erosion. Where roads interrupt overland sheet-flow and convert this runoff to channel flow, ditch turnouts shall be designed to reconvert channel flow to sheet flow. As necessary cut banks, road drainages, and road crossings shall be armored or otherwise engineered to prevent headcutting.

Page 8 of 8 Date: 9/15/2010

Well: Peters Point Unit Federal 13-31D-12-17

#### Upper Colorado River Recovery Program

In addition, the applicant has agreed to have the Upper Colorado River Recovery Program (Recovery Program) serve as a conservation measure within the proposed action. The following paragraphs further clarify the Recovery Program's role.

In determining if sufficient progress has been achieved under the Recovery Program, we consider—a) actions which result in a measurable population response, a measurable improvement in habitat for the fishes, legal protection of flows needed for recovery, or a reduction in the threat of immediate extinction; b) status of fish populations; c) adequacy of flows; and, d) magnitude of the Project impact. In addition, we consider support activities (funding, research, information, and education, etc.) of the Recovery Program if they help achieve a measurable population response, a measurable improvement in habitat for the fishes, legal protection of flows needed for recovery, or a reduction in the threat of immediate extinction. We evaluate progress separately for the Colorado River and Green River Subbasins; however, it gives due consideration to progress throughout the Upper Basin in evaluating progress toward recovery.

Depletion impacts can be offset by--a) the water Project proponent's one-time contribution to the Recovery Program in the amount of \$18.99 per acre-foot of the Project's average annual depletion; b) appropriate legal protection of instream flows pursuant to State law; and, c) accomplishment of activities necessary to recover the endangered fishes as specified under the RIPRAP. We believe it is essential that protection of instream flows proceed expeditiously, before significant additional water depletions occur. As the project's peak annual new depletion of 289.78 acre-feet is below the current sufficient progress threshold of 4,500 acre-feet, Recovery Program activities will serve as the conservation measures to minimize adverse affects to the Colorado pikeminnow, razorback sucker, humpback chub, and bonytail and destruction or adverse modification of critical habitat caused by the project's new depletion.

With respect to (a) above (i.e., depletion charge), the applicant will make a one-time payment which has been calculated by multiplying the Project's peak annual depletion (289.78 acre-feet) by the depletion charge in effect at the time payment is made. For Fiscal Year 2010 (October 1, 2009, to September 30, 2010), the depletion charge is \$18.99 per acre-foot for the average annual depletion which equals a total payment of \$5,502 for this Project. A minimum of 10% of the total payment will be provided to the Service's designated agent, the National Fish and Wildlife Foundation (Foundation), at the time of issuance of the Federal approvals from the BLM, with the rest to be paid when construction commences. Fifty percent of the funds will be used for acquisition of water rights to meet the instream flow needs of the endangered fishes (unless otherwise recommended by the Implementation Committee); the balance will be used to support other recovery activities for the Colorado River endangered fishes. All payments should be made to the National Fish and Wildlife Foundation.

National Fish and Wildlife Foundation 1133 15th Street, NW Suite 1100 Washington, DC 20005

Each payment is to be accompanied by a cover letter that identifies the Project and biological opinion that requires the payment, the amount of payment enclosed, check number, and any special conditions identified in the biological opinion relative to disbursement or use of the funds (there are none in this instance). A copy of the cover letter and of the check is to be sent directly to the Service field office that issued the biological opinion. The cover letter shall identify the name and address of the payor, the name and address of the Federal Agency responsible for authorizing the Project, and the address of the Service office issuing the biological opinion. This information will be used by the Foundation to notify the payor, the lead Federal Agency, and the Service that payment has been received. The Foundation is to send notices of receipt to these entities within 5 working days of its receipt of payment.

	STATE OF UTAH			FORM 9
DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING			5.LEASE DESIGNATION AND SERIAL NUMBER: UTU0737	
SUNDF	RY NOTICES AND REPORT	S ON	WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	sals to drill new wells, significantly deep ugged wells, or to drill horizontal laterals			7.UNIT or CA AGREEMENT NAME: PETERS POINT
1. TYPE OF WELL Gas Well				8. WELL NAME and NUMBER: PETERS POINT UNIT FED 13-31D-12-17
2. NAME OF OPERATOR: BILL BARRETT CORP				9. API NUMBER: 43007500260000
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , D		HONE NU 312-816		9. FIELD and POOL or WILDCAT: UNDESIGNATED
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0290 FSL 0545 FWL				COUNTY: CARBON
QTR/QTR, SECTION, TOWNSHI Qtr/Qtr: SWSW Section: 31	IP, RANGE, MERIDIAN: 1 Township: 12.0S Range: 17.0E Meridia	ın: S		STATE: UTAH
11. CHE	CK APPROPRIATE BOXES TO INDIC	ATE NA	ATURE OF NOTICE, REPORT,	, OR OTHER DATA
TYPE OF SUBMISSION			TYPE OF ACTION	
	CHANGE TO PREVIOUS PLANS CHANGE WELL STATUS DEEPEN OPERATOR CHANGE PRODUCTION START OR RESUME REPERFORATE CURRENT FORMATION TUBING REPAIR WATER SHUTOFF WILDCAT WELL DETERMINATION OMPLETED OPERATIONS. Clearly show all p	C	REPORT A U Oil	CASING REPAIR CHANGE WELL NAME CONVERT WELL TYPE NEW CONSTRUCTION PLUG BACK RECOMPLETE DIFFERENT FORMATION TEMPORARY ABANDON WATER DISPOSAL APD EXTENSION OTHER: Volumes, etc.  ACCEPTED DONLY RECORD ONLY RECONVENIOR OF
NAME (PLEASE PRINT) Brady Riley	PHONE NUMBE	:R	TITLE Permit Analyst	
SIGNATURE N/A	303 312-8115	$\dashv$	DATE 11/4/2010	



#### Peter's Point #13-31D-12-17 10/8/2010 12:00 - 10/8/2010 18:00

API/UWI State/Province County Field Name Well Status Total Depth (ftKB) Primary Job Type 4300750026 West Tavaputs Peind Name Uses Tavaputs Political Primary Job Type 40.0 Drilling & Completion

Time Log Summary

Drilled and set 40' of 16" conductor - 0

#### Peter's Point #13-31D-12-17 10/9/2010 06:00 - 10/10/2010 06:00

API/UWI A00750026 County Field Name Well Status Total Depth (ftKB) Primary Job Type West Tavaputs Time Log Summary

Field Name Well Status Total Depth (ftKB) A0.0 Drilling & Completion

Mobe all rig components to location except the rig. - 12, Wait on cat to snub rig up cotton wood canyon dugway. - 12

#### Peter's Point #13-31D-12-17 10/10/2010 06:00 - 10/11/2010 06:00

API/UWI State/Province County Field Name Well Status Total Depth (ftKB) Primary Job Type 4300750026 West Tavaputs Total Depth (ftKB) Drilling & Completion

Time Log Summary

Mobe rig in and rig up - 6, Drill 12 1/4 surface hole 820" - 18

#### Peter's Point #13-31D-12-17 10/11/2010 06:00 - 10/12/2010 06:00

API/UWI State/Province County Field Name Well Status Total Depth (ftKB) Primary Job Type 4300750026 West Tavaputs Polymer 40.0 Drilling & Completion

Time Log Summary

www.peloton.com

Drill 12 1/4 surface hloe to 1009.90 - 6, laydown drill pipe - 2, run 9 5/8 casing - 4

Page 1/1 Report Printed: 11/4/2010 RECEIVED November 04, 2010

			FORM 9	
STATE OF UTAH  DEPARTMENT OF NATURAL RESOURCES				
DIVISION OF OIL, GAS, AND MINING			<b>5.LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU0737	
SUND	RY NOTICES AND REPORTS ON	WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
	sals to drill new wells, significantly deepen exist ugged wells, or to drill horizontal laterals. Use Al		7.UNIT or CA AGREEMENT NAME: PETERS POINT	
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: PETERS POINT U FED 13-31D-12-17	
2. NAME OF OPERATOR: BILL BARRETT CORP			9. API NUMBER: 43007500260000	
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , D	<b>PHONE NU</b> Denver, CO, 80202 303 312-81		9. FIELD and POOL or WILDCAT: UNDESIGNATED	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0290 FSL 0545 FWL			COUNTY: CARBON	
QTR/QTR, SECTION, TOWNSHI Qtr/Qtr: SWSW Section: 3:	IP, RANGE, MERIDIAN: 1 Township: 12.0S Range: 17.0E Meridian: S		STATE: UTAH	
11. CHE	CK APPROPRIATE BOXES TO INDICATE NA	ATURE OF NOTICE, REPORT,	OR OTHER DATA	
TYPE OF SUBMISSION		TYPE OF ACTION		
	☐ ACIDIZE ☐ A	ALTER CASING	CASING REPAIR	
✓ NOTICE OF INTENT Approximate date work will start:	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME	
12/15/2010	☐ CHANGE WELL STATUS ☐ C	COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE	
SUBSEQUENT REPORT	DEEPEN - F	FRACTURE TREAT	☐ NEW CONSTRUCTION	
Date of Work Completion:	☐ OPERATOR CHANGE ☐ F	PLUG AND ABANDON	☐ PLUG BACK	
		RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION	
SPUD REPORT Date of Spud:		SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON	
Bute of Spau.		VENT OR FLARE	WATER DISPOSAL	
		SI TA STATUS EXTENSION	APD EXTENSION	
DRILLING REPORT Report Date:				
	☐ WILDCAT WELL DETERMINATION ✓ C	OTHER	OTHER: general well testing pro	
This sundry is being submitted to further clarify testing procedures discussed and verbally approved by the BLM as well as final equipment installations. Please see attached document for details specific to the Peter's Point 13-31 Pad and contact Brady Riley at 303-312-8115 with any questions.  Date:  12/14/2010  By:				
NAME (PLEASE PRINT)	PHONE NUMBER	TITLE		
Brady Riley	303 312-8115	Permit Analyst		
SIGNATURE N/A		<b>DATE</b> 12/9/2010		

#### **General Well Testing**

Initial testing of wells would occur within 15 days of first sales and would be a 1-3 day test to get a baseline for allocation. After the initial test is performed, testing would occur within 90 days thereafter, testing each well for approximately 3 days and rotating through the wells without any downtime between tests.

As both Prickly Pear and Peter's Point have participating areas (PA) and wells drilled from each pad could include both PA and non-PA wells, specific procedures are implemented for these situations. PA and non-PA will always be measured separately and production would not be combined together within the same tanks. All wells drilled are within units. These procedures are as follows:

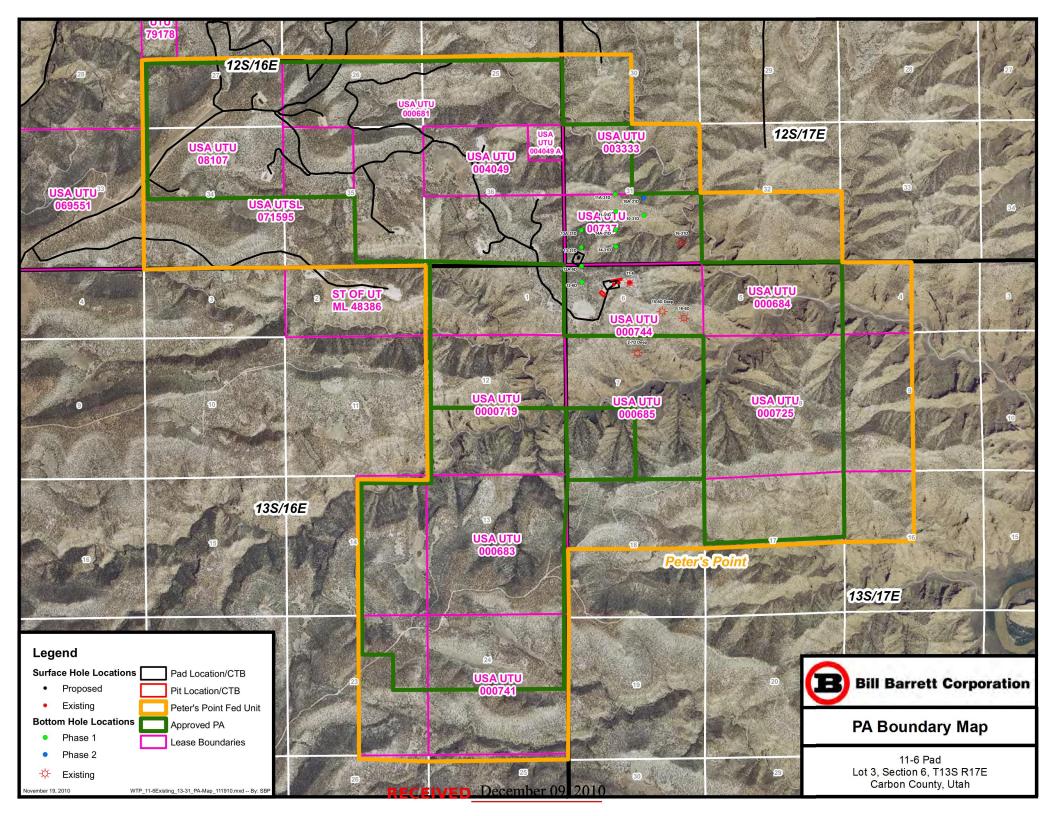
- 1) Isolate the PA test tank(s);
- 2) Transfer any remaining liquids from the test tank(s) to the PA production tank(s);
- 3) Strap the starting fluid levels in the test tank(s);
- 4) Note date and time of beginning test, document and record in eVIN;
- 5) Flow test well into test tank(s) for pre-determined period, not to be less than a 24 hour period;
- 6) Isolate the test tank(s), divert the test well's production to the in PA production tank(s);
- 7) Strap the ending fluid levels in the test tank(s);
- 8) Record and document the length of test time, amount of oil produced, amount of water produced and amount of gas produced (through wellhead meter) for the test period into eVIN;
- 9) Procedures for non-PA would be same steps as 1-8.

Details specific to the Peter's Point 13-31 Pad are as follows:

Well Name Peter's Point Unit Fed	API	Drill Phase <sup>1</sup>	<b>Lease</b> UTU-	PA Boundary	Facilities
12A-6D-13-17	4300750034	1	0744	ln	1) All phase 1 wells proposed are
12-6D-13-17	4300750033	1	0744	ln	within the PA; 2) Liguids to be piped to a central tank
14-31D-12-17	4300750027	1	0737	In	battery (CTB) on the Peter's Point 11-6
10-31D-12-17	4300750023	1	0737	ln	pad location. Two buried liquids lines
10A-31D-12-17	not yet permitted	2	0737	In	were laid, one 4 inch PA and one 2 inch test line PA. Liquids to be
11-31D-12-17	4300750024	1	0737	ln	combined with existing PA production from the 11-6;
13-31D-12-17	4300750026	1	0737	ln	3) One 8 inch buried gas line to the
11A-31D-12-17	4300750036	1	0737	In	11-6 tie-in;
14A-31D-12-17	4300750028	1	0737	In	4) One 300-bbl low profile test tank to
13A-31D-12-17	4300750025	1	0737	ln	be installed on the 13-31 pad. A maximum of 10-300 bbl tanks onsite at the 11-6 CTB.

<sup>&</sup>lt;sup>1</sup>Drill Phase 2 indicates that well(s) not initially planned to be drilled during the first phase of drilling on the pad.

In addition, as the 11-6 pad has two existing deep wells located on the pad, BBC would continue to measure each of those wells separately and production would not be combined together.



#### 5-31 T125 RIDE 43-007-50076

From:

Pat12 <pat12@billbarrettcorp.com>

To:

"Marvin\_Hendricks@blm.gov" <Marvin\_Hendricks@blm.gov>, "Walton\_Willis@bl...

Date:

2/6/2011 9:27 AM

Subject:

**BOPE TEST** 

Sorry everyone I forgot to put a subject in so I'm resending the same notice with proper subject.

ON PATTERSON #12 WE WILL BE TESTING BOPS
ON PETERS POINT PAD 13-31 ,WELL- PETERS POINT UNIT FEDERAL 13-31D-12-17
API # 43-007-50026-00-X1 ON OR ABOUT 2/7/11 PM
IF ANY QUESTIONS OR CONCERNS PLEASE CALL

BILL BARRETT CORP PATTERSON #12 435-214-4429

RECEIVED FEB 0 6 2011

DIV. OF OIL, GAS & MINING

#### 43-007-50026 TIASRIAR SEC31

From:

Pat12 <pat12@billbarrettcorp.com>

To:

"Marvin\_Hendricks@blm.gov" < Marvin\_Hendricks@blm.gov>, "Walton\_Willis@bl....

Date:

2/13/2011 8:21 PM

Subject:

Production Casing & Cement Notice, Peters Point Fed 13-31D-12-17

CC:

Troy Schindler <tschindler@billbarrettcorp.com>, Brent Murphy <BMurphy@b...

Patterson-Uti rig 12 will be running 4-1/2" 11.6ppf HCP110 casing in the Peter's Point Fed 13-31D-12-17

well within the next 24 hours, with cementing operations to commence shortly thereafter.

Doug Sproul **BILL BARRETT CORP** PATTERSON #12 435-214-4429

> RECEIVED FEB 1 4 2011

DIV. OF OIL, GAS & MINING

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING  SUNDRY NOTICES AND REPORTS ON WELLS  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.  1. TYPE OF WELL Gas Well  2. NAME OF OPERATOR: BILL BARRETT CORP  3. ADDRESS OF OPERATOR: 1.099 18th Street Ste 2300, Denver, CO, 80202  3. 303 312-8164 Ext  4. LOCATION OF WELL FOOTAGES AT SURFACE: 0290 FSL 0545 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:			5.LEASE DESIGNATION AND SERIAL NUMBER: UTU0737  6. IF INDIAN, ALLOTTEE OR TRIBE NAME:  7.UNIT OF CA AGREEMENT NAME: PETERS POINT  8. WELL NAME and NUMBER: PETERS POINT U FED 13-31D-12-17  9. API NUMBER: 43007500260000  9. FIELD and POOL OF WILDCAT: UNDESIGNATED  COUNTY: CARBON  STATE:	
11.	. Township: 12.0S Range: 17.0E Meridian: S		UTAH	
	CK APPROPRIATE BOXES TO INDICATE		OR OTHER DATA	
TYPE OF SUBMISSION		TYPE OF ACTION		
☐ NOTICE OF INTENT Approximate date work will start:	☐ CHANGE TO PREVIOUS PLANS ☐ CHANGE WELL STATUS	ALTER CASING CHANGE TUBING COMMINGLE PRODUCING FORMATIONS	☐ CHANGE WELL NAME ☐ CONVERT WELL TYPE ☐	
SUBSEQUENT REPORT Date of Work Completion:	☐ DEEPEN ☐ OPERATOR CHANGE ☐ PRODUCTION START OR RESUME	FRACTURE TREAT  PLUG AND ABANDON  RECLAMATION OF WELL SITE	□ NEW CONSTRUCTION     □ PLUG BACK     □ RECOMPLETE DIFFERENT FORMATION	
Date of Spud:  ✓ DRILLING REPORT Report Date: 2/28/2011	REPERFORATE CURRENT FORMATION  TUBING REPAIR  WATER SHUTOFF  WILDCAT WELL DETERMINATION	SIDETRACK TO REPAIR WELL  VENT OR FLARE  SI TA STATUS EXTENSION  OTHER	☐ TEMPORARY ABANDON ☐ WATER DISPOSAL ☐ APD EXTENSION OTHER:	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Febuary Monthly Activity Report attached.  Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY				
NAME (PLEASE PRINT) Brady Riley SIGNATURE N/A	<b>PHONE NUMBER</b> 303 312-8115	TITLE Permit Analyst  DATE 3/2/2011		



#### Peter's Point #13-31D-12-17 2/7/2011 06:00 - 2/8/2011 06:00

API/UWI State/Province County Field Name Well Status Total Depth (ftKB) Primary Job Type
43-007-50026 Utah Carbon West Tavaputs 7,095.0 Drilling & Completion

Time Log Summary

SKID RIG, RIG UP, NIPPLE UP BOPE - 19.5, TESTING BOPE W/ B&C QUICK TEST - 4.5

#### Peter's Point #13-31D-12-17 2/8/2011 06:00 - 2/9/2011 06:00

API/UWI State/Province Utah Carbon Field Name Well Status Total Depth (ftKB) Primary Job Type West Tavaputs Total Depth (ftKB) Drilling & Completion

Time Log Summary

BOPE TESTED, CHOKE MAINIFOLD, UPPER & LOWER KELLY COCK, CHOKE LINE, PIPE & BLIND RAMS, INSIDE BOP TESTED TO 3000 PSI, CASING TESTED TO 1500 PSI ROTATING HEAD TESTED TO 1500 PSI, ALL EQUIPMENT TESTED PASSED - 0.5, RIG UP, PRE SPUD INSPECTION - 5.5, SLIP & CUT 137' OF DRILL LINE - 2.5, INSTALL WEAR BUSHING - 0.5, CHANGE OUT MUD MOTOR, SCRIB MUD MOTOR - 2.5, TIH TO DRILL OUT CEMENT AND SHOE - 6.5, DRILL OUT CEMENT, DRILL 1010' - 1438' BOTH PUMPS @ 85 STKS 30K ON BIT ROTARY @ 40 RPM - 6

#### Peter's Point #13-31D-12-17 2/9/2011 06:00 - 2/10/2011 06:00

API/UWI State/Province Utah Carbon Field Name Well Status Total Depth (ftKB) Primary Job Type Drilling & Completion

Time Log Summary

DRL F/1438 TO 2742 TOTAL 1304FT. 108FT/HR W/CONN, 180-220FT/HR ON BOTTOM. - 12, DRL F/2742 TO 2950 TOTAL 208FT. 69 FT/HR W/CONN. INSTANT ROP 100-220FT/HR. WASATCH TOP 2789FT MD. - 3, BOP DRILL 35 SEC. FUNCTION TEST PIPE RAMS 7 SEC. - 0.25, DRL F/2950 TO 3695. 85FT/HR W/CONN. INSTANT 130 TO 230 FT/HR - 8.75

#### Peter's Point #13-31D-12-17 2/10/2011 06:00 - 2/11/2011 06:00

API/UWI State/Province County Field Name Well Status Total Depth (ft/KB) Primary Job Type 43-007-50026 Utah Carbon West Tavaputs 7,095.0 Drilling & Completion

Time Log Summary

DRL F/3695 TO 4490, 795FT DRLD, AVG 96FT/HR W/CONN, INSTANT ROP 120 TO 200FT/HR. BOP DRILL 56 SEC/FUNCTION TEST BOP. - 8.5, RIG SERVICE/CHECK DRAWWORKS MOTORS - 0.5, DRL F/4490 TO 4777, 287FT DRLD. AVG 96FT/HR W/CONN. NORTH HORN TOP 4575FT MD. - 3, DRL F/4777 TO 5572, 795FT DRLD. WASHED HOLE IN MUD LINE OF #1 PUMP, SHUT DOWN #1 AND DRLD W/#2 ONLY FROM 22:00 TO 02:00HRS, 355GPM. #2 MUD PUMP BACK ONLINE @ 02:00, NOW PUMPING 515GPM. - 12

#### Peter's Point #13-31D-12-17 2/11/2011 06:00 - 2/12/2011 06:00

API/UWI State/Province County Field Name Well Status Total Depth (ftKB) Primary Job Type 43-007-50026 Utah West Tavaputs Total Depth (ftKB) Primary Job Type Drilling & Completion

Time Log Summary

DRL F/5572 TO 6016 WITH 170 STKS, 510GPM, 25WOB. 444FT AVG 74FT/HR W/CONN. - 6, SERVICE RIG (GREASE DWKS) - 0.5, DRL F/6016 TO 6080 WITH 100STKS, 293GPM, 40RPM, 20WOB. SLOWED DRLG PARAMETERS TO ANTICIPATE DARK CANYON, FOUND TOP @ 6077FT MD. DRL 64 FT AVG 26FT/HR W/CONN. - 2.5, DRL F/6080 TO 6143 WITH 110STKS, 327GPM, 40RPM, 20WOB. DRL 63FT OF DARK CANYON @ 21FT/HR W/CONN. - 3, DRL F/6143 TO 6334 WITH 110STKS, 327 GPM, 40RPM, 15WOB. DRL 191FT AVG 16FT/HR W/CONN. PRICE RIVER TOP FOUND @ 6278FT MD. - 12

#### Peter's Point #13-31D-12-17 2/12/2011 06:00 - 2/13/2011 06:00

API/UWI State/Province County Field Name Well Status Total Depth (ftKB) Primary Job Type
43-007-50026 Utah Carbon West Tavaputs 7,095.0 Drilling & Completion

DRL F/6334 TO 6810, 476FT DRILLED @ 45FT/HR W/CONN. HAD WASH IN MUD LINE & DRILLED WITH ONE PUMP UNTIL REPAIR COMPLETE. - 10.5, GREASE CROWN & DRAWWORKS - 0.5, DRL F/6810 TO 6873, 63 FT DRILLED. - 1, DRL F/6873 TO 7095FT (TD), 222FT DRILLED @ 40FT/HR. REACHED TD 2/13/2011 22:30 HRS. - 5.5, PUMPED TWO VISCOUS SWEEPS, CIRCULATED TWO HOLE VOLUMES TO CONDITION MUD FOR LOGS AND CLEAN HOLE. - 1, TOH F/LOGS. PULLED 5 STANDS NO PROB, PULLED TIGHT BEGINNING ON 6TH STAND. PULLED TIGHT 6578-5397, 4177-3439. PU KELLY, WORK PIPE & CIRC @ 5999FT. 39/74 STANDS IN DERRICK AS OF REPORT TIME. - 5.5

#### Peter's Point #13-31D-12-17 2/13/2011 06:00 - 2/14/2011 06:00

API/UWI State/Province Utah Carbon West Tavaputs Well Status Total Depth (ftKB) Primary Job Type Utah West Tavaputs Total Depth (ftKB) Primary Job Type Drilling & Completion

Time Log Summary

TOH STAND BACK DP&HWDP,LD DIR TOOLS. - 6, RU HES WL AND CONDUCT SAFETY MTG - 1, RIH W/WLLOG TAG BRIDGE @ 2050FT MD, RD LOGGER - 2.5, TIH W/TRICONE, HWDP, DP. MINOR TIGHT SPOTS ENCOUNTERED, NO PROBLEMS @ 2050FT MD. - 2.5, TIH FOR CLEANOUT AND LD DP & HWDP - 2.5, C&C MUD, PUMP SWEEPS, CIRCULATE 1.5X BU - 2, TOH LD PIPE W/NO ISSUES - 7.5

#### Peter's Point #13-31D-12-17 2/14/2011 06:00 - 2/15/2011 06:00

API/UWI State/Province Utah Carbon Field Name West Tavaputs Well Status Total Depth (ftKB) Primary Job Type 7,095.0 Drilling & Completion

SFTY MTG W/WEATHERFORD CSG CREW - 0.5, RU TO RUN CSG - 1, RUN 172 JTS 4.5"OD/11.6PPF/HCP110/LTC CSG. CIRC SHOE TRACK THEN ON JT 88. 178JTS ON LOCATION, 6 OUT PER TALLY. COUNTED LEFTOVER CSG AFTER RUNNING, TALLY CORRECT. - 6, C&C MUD F/CMT JOB @ 12BPM FOR 2X BU WHILE RECIP, HELD SM W/RIG & CMT CREWS. - 1, CMT PROD CSG W/HALLIBURTON. MIX & PUMP FRESH WATER/SUPER FLUSH/FRESH WATER/LEAD & TAIL CMT (SEE CMT REPORT F/DETAIL). DROP PLUG @ 18:00 THEN DISPLACED, RETURNED TO SFC ALL SPACERS AND 5BBL CMT(2BBL CONTAMINATED, 3BBL GOOD). BUMP TO 1000PSI OVER FINAL LIFT PRESS AT EXPECTED VOLUME, CHECK FLOATS/HELD. - 3.5, RD HALLIBURTON CMT CREW - 1.5, SET SLIPS, ND BOP, RREL 06:00HRS 2/15/2011. - 10.5

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#### Peter's Point #13-31D-12-17 2/15/2011 06:00 - 2/16/2011 06:00

API/UWI State/Province County Field Name Well Status Total Depth (ftKB) Primary Job Type
43-007-50026 Utah Vest Tavaputs 7,095.0 Drilling & Completion

Time Log Summary

Peter's Point #13-31D-12-17 2/22/2011 06:00 - 2/23/2011 06:00

API/UWI State/Province County Field Name Well Status Total Depth (ftKB) Primary Job Type 43-007-50026 Utah West Tavaputs Total Depth (ftKB) Drilling & Completion

Time Log Summary

INSTALL & TEST TBG HEAD. - 24

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SUNDF  Do not use this form for proposition proposition proposals.	5.LEASE DESIGNATION AND SERIAL NUMBER: UTU0737  6. IF INDIAN, ALLOTTEE OR TRIBE NAME:  7.UNIT or CA AGREEMENT NAME: PETERS POINT		
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: PETERS POINT U FED 13-31D-12-17
2. NAME OF OPERATOR: BILL BARRETT CORP			9. API NUMBER: 43007500260000
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , D		NE NUMBER: 2-8164 Ext	9. FIELD and POOL or WILDCAT: UNDESIGNATED
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0290 FSL 0545 FWL QTR/QTR, SECTION, TOWNSHI Qtr/Qtr: SWSW Section: 31	(P, RANGE, MERIDIAN: 1 Township: 12.0S Range: 17.0E Meridian:	S	CARBON  STATE:  UTAH
11. CHE	CK APPROPRIATE BOXES TO INDICAT	E NATURE OF NOTICE, REPORT,	OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
	□ CHANGE TO PREVIOUS PLANS     □ CHANGE WELL STATUS     □ DEEPEN     □ OPERATOR CHANGE     ✓ PRODUCTION START OR RESUME     □ REPERFORATE CURRENT FORMATION     □ TUBING REPAIR     □ WATER SHUTOFF     □ WILDCAT WELL DETERMINATION  OMPLETED OPERATIONS. Clearly show all perfort that this Well had first sale am.	es on 3/14/2011 at 11:45 <b>A</b> U Oil	CASING REPAIR CHANGE WELL NAME CONVERT WELL TYPE NEW CONSTRUCTION PLUG BACK RECOMPLETE DIFFERENT FORMATION TEMPORARY ABANDON WATER DISPOSAL APD EXTENSION OTHER: Volumes, etc.  Accepted by the Utah Division of I, Gas and Mining R RECORD ONLY
NAME (PLEASE PRINT) Brady Riley	<b>PHONE NUMBER</b> 303 312-8115	<b>TITLE</b> Permit Analyst	
SIGNATURE N/A		<b>DATE</b> 3/15/2011	

STATE OF UTAH  DEPARTMENT OF NATURAL RESOURCES  DIVISION OF OIL, GAS, AND MINING		FORM 9		
		5.LEASE DESIGNATION AND SERIAL NUMBER: UTU0737		
SUNDI	RY NOTICES AND REPORTS	ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
	sals to drill new wells, significantly deepe ugged wells, or to drill horizontal laterals.		7.UNIT or CA AGREEMENT NAME: PETERS POINT	
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: PETERS POINT U FED 13-31D-12-17	
2. NAME OF OPERATOR: BILL BARRETT CORP			9. API NUMBER: 43007500260000	
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , [		ONE NUMBER: 312-8164 Ext	9. FIELD and POOL or WILDCAT: UNDESIGNATED	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0290 FSL 0545 FWL	TO DANCE MEDICALL		COUNTY: CARBON	
QTR/QTR, SECTION, TOWNSH: Qtr/Qtr: SWSW Section: 3:	IP, RANGE, MERIDIAN: 1 Township: 12.0S Range: 17.0E Meridian	ı: S	STATE: UTAH	
11. CHE	CK APPROPRIATE BOXES TO INDICA	TE NATURE OF NOTICE, REPORT,	OR OTHER DATA	
TYPE OF SUBMISSION		TYPE OF ACTION		
	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR	
NOTICE OF INTENT Approximate date work will start:	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME	
SUBSEQUENT REPORT	CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE	
Date of Work Completion:	DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION	
	OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK	
SPUD REPORT Date of Spud:	PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION	
	L REPERFORATE CURRENT FORMATION  TUBING REPAIR	SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON	
✓ DRILLING REPORT		☐ VENT OR FLARE ☐ SI TA STATUS EXTENSION	WATER DISPOSAL	
Report Date: 3/1/2011	☐ WATER SHUTOFF		APD EXTENSION	
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  Monthly Activity Report for March 2011 attached.  Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY				
NAME (PLEASE PRINT) Brady Riley	<b>PHONE NUMBER</b> 303 312-8115	R TITLE Permit Analyst		
SIGNATURE N/A		<b>DATE</b> 4/5/2011		



#### Peter's Point #13-31D-12-17 3/1/2011 06:00 - 3/2/2011 06:00

API/UWI State/Province County Field Name Well Status Total Depth (ftKB) Primary Job Type 43-007-50026 Utah West Tavaputs Primary Job Type 7,095.0 Drilling & Completion

Time Log Summary

WAITING ON W/L - 14.75, RIH W/ 3.75" GAUGE RING / JUNK BASKET TO 6986'. PBTD = 7047'. TAGGED 61' SHORT. POOH - 1, PICK UP CBL LOGGING TOOLS. RIH TO 6992'. PRESURE UP TO 1000 PSI. POOH LOGGING. VERY GOOD BOND 6992' TO 2425'. GOOD BOND TO SURFACE PIPE @ 1009' - 3, RIH W PULSE NEUTRON LOGGING TOOL. LOG 6992' TO 3500'. POOH - 5.25

#### Peter's Point #13-31D-12-17 3/3/2011 06:00 - 3/4/2011 06:00

API/UWI State/Province Utah Carbon Well Status Total Depth (ftKB) Primary Job Type Well Status Total Depth (ftKB) 7,095.0 Drilling & Completion

Time Log Summary

All wells on pad are SI. crew travel from Roosevelt. - 2, Working on location production equipment, and lines. Meeting with HES, PraxAir, and Linde, about completion equipment set-up. Re-spot 4- 500 bbl frac tanks. Fill in rat/mouse holes with gravel.

Had meeting with HES, about water treatment facility, on set-up. Pull frac tanks out. Setup for berms, and pit liner. PraxAir, and Linde moved some equipment off Prickly Pear, to lower Cottonwood traffic shack. - 10, All wells on pad are SI. crew travel from Roosevelt. - 12

#### Peter's Point #13-31D-12-17 3/4/2011 06:00 - 3/5/2011 06:00

API/UWI State/Province County Field Name Well Status Total Depth (ftKB) Primary Job Type
43-007-50026 Utah Carbon West Tavaputs 7,095.0 Drilling & Completion

Time Log Summary

All wells SI. Crew travel from Roosevelt/Vernal. - 2, RNI transfered fluid from 2-500 bbl frac tanks. Re-spot, last 2 frac tanks. Roustabouts are working on production facility. Blade mud on location. Spot in Cathedral equipment. Finsh access stairs for cellar. Linde spotted in 2- storage vessels, on location. Spotted port-a-johns.

At water treatment facility; finished berm on 3 sides, and installed pit liner. Re-spot frac tanks on liner. Finished hauling in frac tanks from Vernal. (7 tanks for dirty, and 9 tanks for cleaned). PraxAir hauled in/spotted 3 storage vessels. Linde, and PraxAir is hauling CO2. Mountain West Oilfield, RD completion camp on Prickly Pear, loaded; and move 1/2 to Peter's Point, and spot. - 12, All wells SI. Crew travel from Roosevelt/Vernal. - 10

#### Peter's Point #13-31D-12-17 3/5/2011 06:00 - 3/6/2011 06:00

API/UWI State/Province County Field Name Well Status Total Depth (ftKB) Primary Job Type 43-007-50026 Utah Carbon West Tavaputs Time Log Summary

WSI. Crew travel to location. Service, and start equipment. - 2, Linde spotted in 2 more, storage vessels. HES spotted 2 mountain movers, chemical float, and 2-CO2 pump trucks. MIRU B and C Quick Test. Load casing with 50/50 methanol. Psi test casing to 8500#, for 15 minutes. Good test. Bled off. RD. KB Insulating

spotted in 6 sand traps, and unload materials to RU. Linde is hauling CO2.

At water treatment facility; Linde, and PraxAir is hauling CO2. Mountain West Oilfield is RU completion camp. About 3/4 set-up as of 19:00. Generator sets were RD @ Prickly Pear site, and moved to Peter's Point. HES moved in about 1/2 of equipment, and stacked on this site. Roustabouts are working on gas line for generator sets. Started hauling production fluid to "dirty" side. - 11, WSI. Crew travel to Roosevelt, and Vernal. - 11

#### Peter's Point #13-31D-12-17 3/7/2011 06:00 - 3/8/2011 06:00

API/UWI State/Province County Field Name Well Status Total Depth (ftKB) Primary Job Type 43-007-50026 Utah West Tavaputs Total Depth (ftKB) Drilling & Completion

Time Log Summary

WSI. Crew travel to location. Service, and start equipment. - 1, PraxAir spotted in last 2 vessels. PraxAir, and Linde are hauling. Finished hauling in frac sand. Nielson Construction hauled in frac fluid. RNI is hauling in KCL concentrate. Roustabouts finished RU sand traps. Cathedral is about 80% RU. At Water Treatment Facility: MI, and spotted settling tanks. Spot in, and RU generator sets. Could not fire up. Missing components for meter run. Hauling in production fluid. RFR RU safety lione, upper/lower manifold systems. HES Clean Wave is 90% RU. Completion man camp was cleaned. - 13, WSI. Crew travel to Vernal, and Roosevelt. - 10

#### Peter's Point #13-31D-12-17 3/8/2011 06:00 - 3/9/2011 06:00

 API/UWI
 State/Province
 County
 Field Name
 Well Status
 Total Depth (ftKB)
 Primary Job Type

 43-007-50026
 Utah
 Carbon
 West Tavaputs
 7,095.0
 Drilling & Completion

Time Log Summar

FINISH RIGGING UP CATHEDERAL FB, MOVE IN HES FRAC CREW. RIG UP. MOVE IN CUTTER W/L RIG UP. CUTTER MISSING XO TO 5 1/5 " LUB. WILL SHOOT STG 1 IN AM - 6, PRESURE TEST CATHEDERAL FLOW BACK IRON TO 8000 PSI. TEST GOOD - 0.5, SHUT IN WAITING ON W/L & FRAC - 17.5

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### Peter's Point #13-31D-12-17 3/9/2011 06:00 - 3/10/2011 06:00

API/UWI State/Province County Field Name Well Status Total Depth (ftKB) Primary Job Type
43-007-50026 Utah Carbon West Tavaputs Total Depth (ftKB) Primary Job Type
7,095.0 Drilling & Completion

Time Log Summary

Cutters EL stage 1 Price River Pick up 10 ft. perf guns. RIH correlate to short jt @ 6478' to 6499'. Perforate @ 6837-6839, 6882-6884, 6888-6890, 6901-6903 & 6946-6948, 3 SPF, 120 phasing. 23 gram charge. .350 Holes. POOH turn well over to frac. - 1.25, Safety Meeting. Frac. Flow back. Pressure lines. Safety on loc. Working around cellar. Mud on loc. Drilling rig move. - 0.25, HES frac stage 1 Price River 70 Q foam frac. Load & Break @ 3568 PSI @ 4.8 BPM. Avg. Wellhead Rate: 33.0 BPM. Avg. Slurry Rate: 13.2 BPM. Avg. CO2 Rate: 18.6 BPM. Avg. Pressure: 5640 PSI. Max. wellhead Rate: 35.1 BPM. Max. Slurry Rate:16.5 BPM. Max. CO2 Rate: 21.4 BPM. Max. Pressure: 6.042 PSI. Total Fluid Pumped; 18.117 Gal. Total sand in Formation: 77,500 lb.(20/40 White) Linde CO2 Downhole: 117 tons. CO2 Cooldown: 6 tons. ISIP:3,436 PSI. Frac Gradient: 0.94 psi/ft. Dirty Water Transmittance: 40.0%. Turbidity: 41 FRU. Successfully flushed wellbore with 50Q foam 50 bbl over flush with 500 gal, fluid cap. - 1.5, Cutters EL stage 2 Price River Pick up 10 ft. perf guns. RIH correlate to short jt @ 6478' to 6499'. Set CFP @ 6790', Perforate @ 6699-6701, 6711-6713, 6727-6729, 6752-66754 & 6766-676, 3 SPF, 120 phasing. 23 gram charge. .350 Holes. POOH turn well over to frac. - 1.25, Repair dirty flow meter. Found rocks in flow meter - 1.5, HES frac stage 2 Price River 70 Q foam frac. Load & Break @ 4760 PSI @ 14.6 BPM. Avg. Wellhead Rate: 33.4 BPM. Avg. Slurry Rate: 13.5 BPM. Avg. CO2 Rate: 18.6 BPM. Avg. Pressure: 5540 PSI. Max. wellhead Rate: 34.8 BPM. Max. Slurry Rate:16 BPM. Max. CO2 Rate: 23.4 BPM. Max. Pressure: 6,117 PSI. Total Fluid Pumped; 20,374 Gal. Total sand in Formation: 80,300 lb.(20/40 White) Linde CO2 Downhole: 112 tons. CO2 Cooldown: 6 tons. ISIP:3,064 PSI. Frac Gradient: 0.89 psi/ft. Dirty Water Transmittance: 42.0%. Turbidity: 22 FRU. Successfully flushed wellbore with 50Q foam 50 bbl over flush with 500 gal, fluid cap. - 1, Cutters EL stage 3 Price River Pick up 10 ft. perf guns. RIH correlate to short it @ 6478' to 6499'. Set CFP @ 6680', Perforate @ 6547-6549, 6560-6562, 6596-6598, 6620-6622 & 6654-6656, 3 SPF, 120 phasing. 23 gram charge. .350 Holes. POOH turn well over to frac. - 1.25, HES frac stage 3 Price River 70 Q foam frac. Load & Break @ 4696 PSI @ 15 BPM. Avg. Wellhead Rate: 33.4 BPM. Avg. Slurry Rate: 13.6 BPM. Avg. CO2 Rate: 18.5 BPM. Avg. Pressure: 5302 PSI. Max. wellhead Rate: 35.1 BPM. Max. Slurry Rate:16.0 BPM. Max. CO2 Rate: 22.1 BPM. Max. Pressure: 5,732 PSI. Total Fluid Pumped; 21,314 Gal. Total sand in Formation: 96,100 lb.(20/40 White) Praxair CO2 Downhole: 131 tons. CO2 Cooldown: 3 tons. ISIP:3,312 PSI. Frac Gradient: 0.94 psi/ft. Dirty Water Transmittance: 48.0%. Turbidity: 48 FRU. Successfully flushed wellbore with 50Q foam 50 bbl over flush with 500 gal, fluid cap. - 1.5, Cutters EL stage 4 Price River Pick up 12 ft. perf guns. RIH correlate to short jt @ 4472' to 4492'. Set CFP @ 6504', Perforate @ 6330-6332, 6358-6360, 6374-6376, 6394-6396, 6454-6456 & 6476-6478, 3 SPF, 120 phasing. 23 gram charge. .350 Holes. POOH turn well over to frac. - 1.25, HES frac stage 4 Price River 70 Q foam frac. Load & Break @ 3599 PSI @ 15.3 BPM. Avg. Wellhead Rate: 37.4 BPM. Avg. Slurry Rate: 15.2 BPM. Avg. CO2 Rate: 20.7 BPM. Avg. Pressure: 5913 PSI. Max. wellhead Rate: 39.5 BPM. Max. Slurry Rate:18.2 BPM. Max. CO2 Rate: 24.5 BPM. Max. Pressure: 6,499 PSI. Total Fluid Pumped; 32,253 Gal. Total sand in Formation: 166,200 lb.(20/40 White) Praxair CO2 Downhole: 220 tons. CO2 Cooldown: 6 tons. ISIP:3,433 PSI. Frac Gradient: 0.98 psi/ft. Successfully flushed wellbore with 50Q foam 50 bbl over flush with 500 gal, fluid cap. - 1.25, Shut in, monitor psi - 12

## Peter's Point #13-31D-12-17 3/10/2011 06:00 - 3/11/2011 06:00

API/UWI State/Province County Field Name Well Status Total Depth (ft/KB) Primary Job Type 43-007-50026 Utah Carbon West Tavaputs 7,095.0 Drilling & Completion

Cutters EL stage 5 Dark Cayon Pick up 10 ft. perf guns. RIH correlate to short jt @ 4472' to 4492'. Set CFP @ 6300', Perforate @ 6197-6199, 6205-6207, 6234-6236, 6250-6252, & 6277-6279, 3 SPF, 120 phasing. 23 gram charge. .350 Holes. POOH turn well over to frac. - 1.25, Safety Meeting. Frac. Flow back. Pressure lines. Safety on loc. Working around cellar. Mud on loc. Drilling rig move. HES frac stage 5 Dark Canyon 70 Q foam frac. Load & Break @ 4698 PSI @ 15.0 BPM. Avg. Wellhead Rate: 38.0 BPM. Avg. Slurry Rate: 15.3 BPM. Avg. CO2 Rate: 21.2 BPM. Avg. Pressure: 6521 PSI. Max. wellhead Rate: 39.6 BPM. Max. Slurry Rate:18.3 BPM. Max. CO2 Rate: 25.0 BPM. Max. Pressure: 7,076 PSI. Total Fluid Pumped; 27,328 Gal. Total sand in Formation: 134,500 lb.(20/40 White) Linde CO2 Downhole: 180 tons. CO2 Cooldown: 6 tons. ISIP:4,430 PSI. Frac Gradient: 1.15 psi/ft. Successfully flushed wellbore with 50Q foam 50 bbl over flush with 500 gal, fluid cap. - 1.5, Cutters EL stage 6 Dark Cayon Pick up 10 ft. perf guns. RIH correlate to short jt @ 4472' to 4492'. Set CFP @ 6178', Perforate @ 6102-6104, 6118-6120, 6128-6130, 6149-6151, & 6160-6162, 3 SPF, 120 phasing. 23 gram charge. .350 Holes. POOH turn well over to frac. -1.25, HES frac stage 6 Dark Canyon 70 Q foam frac. Load & Break @ 5580 PSI @ 15.2 BPM. Avg. Wellhead Rate: 38.0 BPM. Avg. Slurry Rate: 15.5 BPM. Avg. CO2 Rate: 21.1 BPM. Avg. Pressure: 6019 PSI. Max. wellhead Rate: 39.8 BPM. Max. Slurry Rate: 18.3 BPM. Max. CO2 Rate: 26.4 BPM. Max. Pressure: 6,746 PSI. Total Fluid Pumped; 24,526 Gal. Total sand in Formation: 116,100 lb.(20/40 White) Praxair CO2 Downhole: 155 tons. CO2 Cooldown: 3 tons. ISIP:3,601 PSI. Frac Gradient: 1.03 psi/ft. Successfully flushed wellbore with 50Q foam 50 bbl over flush with 500 gal, fluid cap. - 1, Cutters EL stage 7 North Horn. Pick up 10 ft. perf guns. RIH correlate to short jt @ 4472' to 4492'. Set CFP @ 6,030', Perforate @ 5,899-6,901, 5,967-5,969, 5,989-5,991, 5,996-5,998, & 6,005-6,007, 3 SPF, 120 phasing. 23 gram charge. .350 Holes. POOH turn well over to frac. - 1, HES frac stage 7 North Horn 70 Q foam frac. Load & Break @ 3,044 PSI @ 15.3 BPM. Avg. Wellhead Rate: 38.3 BPM. Avg. Slurry Rate: 18.5 BPM. Avg. CO2 Rate: 18.3 BPM. Avg. Pressure: 5,233 PSI. Max. wellhead Rate: 40.0 BPM. Max. Slurry Rate: 22.3 BPM. Max. CO2 Rate: 26.9 BPM. Max. Pressure: 5.988 PSI. Total Fluid Pumped; 33,423 Gal. Total sand in Formation: 138,300 lb.(20/40 White) Praxair & Linde CO2 Downhole: 158 tons. CO2 Cooldown: 4 tons. ISIP:3,451 PSI. Frac Gradient: 1.02 psi/ft. Successfully flushed wellbore with 50Q foam 50 bbl over flush with 500 gal, fluid cap. - 1, Shut in. Monitor PSI - 17

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Peter's Point #13-31D-12-17 3/11/2011 06:00 - 3/12/2011 06:00

API/UWI State/Province County Field Name Well Status Total Depth (ftKB) Primary Job Type 43-007-50026 Utah Carbon West Tavaputs 7,095.0 Drilling & Completion

Time Log Summary

SI - 5.75, Cutters EL stage 8 N.H. PU HES CFP with 10 ft. perf guns. RIH correlate to short jt. run to setting depth set CFP @ 5800 ft. PU. Perforate @ 5769-5771, 5658-5660, 5616-5617,5553-5555 & 5547, 3 SPF, 120 phasing, 23 gram charge. .350 holes. POOH turn well over to frac. - 1, Safety Meeting. Frac. Safety on loc and in and around cellar. Frac lines. Wire line. CO2. Water. flow back. Moving frac iron and EL. - 0.25, HES frac stage 8 North Horn 60 Q foam frac. Load & Break @ 5304 @ 15.3 BPM. Avg. Wellhead Rate: 33.8 BPM. Avg. Slurry Rate: 17 BPM. Avg. CO2 Rate: 15.4 BPM. Avg. Pressure: 6101 PSI. Max. Wellhead Rate: 35.2 BPM, Max. Slurry Rate: 19.5 BPM, Max. CO2 Rate: 20.9 BPM, Max, Pressure: 7031 PSI, Total Fluid Pumped: 23,366 Gal, Total Sand in Formation: 88,100 lb. (20/40 White) Linde CO2 Downhole: 100 tons. CO2 Cooldown: 4 tons. ISIP:3,462 PSI. Frac Gradient: 1.06 psi/ft. Successfully flushed wellbore with 50Q foam 50 bbl over flush with 500 gal. fluid cap. - 1, Cutter EL stage 9 North Horn. PU HES CFP with 8 ft. perf guns. RIH correlate to short jt. run to setting depth set CFP @ 5520 ft. PU Pressure up casing. Perforate @ 5469-5471, 5451-5454 & 5431-5434, 3 SPF, 120 phasing, 23 gram charge. .350 holes. POOH turn well over to frac. - 1, HES Frac stagte 9 North Horn 60Q foam frac. Load & Break @4698 PSI @ 15.2 BPM. Avg. Wellhead Rate: 28.7 BPM. Avg. Slurry Rate: 13.8 BPM. Avg. CO2 Rate: 13.8 BPM. Avg. Pressure: 5449 PSI. Max. Wellhead Rate: 29.7 BPM. Max. Slurry Rate: 16.5 BPM. Max. CO2 Rate: 19.2 BPM. Max. Pressure: 6198 PSI. Total Fluid Pumped: 19,216 gal. Total Sand in Formation: 68,100lb.(20/40 White) Praxair CO2 Downhole: 86 Tons. CO2 Cooldown: 3 tons. ISIP:3,369 PSI. Frac Gradient: 1.06 psi/ft. Successfully flushed wellbore with 50Q foam 50 bbl over flush with 500 gal. fluid cap. - 1, Cutters EL stage 10 North Horn. PU HES CFP with 9 ft. perf guns. RIH correlate to short jt. run to setting depth set CFP @ 5100 ft. PU. Pressure up casing. Perforate @ 5033-5035, 5019-5022, 4971-5973 & 4921-4923, 3 SPF, 120 phasing, 23 gram charge. .350 holes. POOH turn well over to frac. - 1, HES frac stage 10 North Horn 60Q foam frac. Load & Break @ 4228 PSI @ 14.9 BPM. Avg. Wellhead Rate: 28.6 BPM. Avg. Slurry Rate: 13.8 BPM. Avg. CO2 Rate: 13.6 BPM. Avg. Pressure:5100 PSI, Max. Wellhead Rate:29.7 BPM, Max Slurry Rate: 16.5 BPM, Max, CO2 Rate:20.3 BPM, Max, Pressure: 6159 PSI, Total Fluid Pumped: 20,272 Gal. Total Sand in Formation: 76,100 lb.(20/40White) Praxair CO2 Downhole; 91 tons. CO2 Cooldown: 3 tons. ISIP:3,154 PSI. Frac Gradient: 1.07 psi/ft. Successfully flushed wellbore with 50 Q foam 50 bbl over flush with 500 gal. fluid cap. - 1, Cutter EL stage 11 North Horn. PU HES CFP with 9 ft. perf guns. RIH correlate to short jt. run to setting depth set CFP @ 4880 ft. PU pressure up casing. Perforate 4834-4837, 4649-4652 & 4631-4634, 3 spf, 120 phasing, 23 gram charge. .350 holes.POOH turn well over to frac. - 1, HES frac stage 11 North Horn 60Q foam frac. Load & Break @ 3771 PSI @ 15.2 BPM. Avg. Wellhead Rate: 28.4 BPM. Avg. Slurry Rate: 14 BPM. Avg. CO2 Rate: 13.3 BPM. Avg. Pressure: 4815 PSI. Max. Wellhead Rate: 29.7 BPM. Max. Slurry Rate: 16.5 BPM. Max. CO2 Rate: 19.9 BPM. Max. Pressure: 5264 PSI. Total Fluid Pumped; 12,478 Gal. Total Sand in Formation: 41.900 lb.(20/40 White) Linde CO2 Downhole: 51 Tons, CO2 Cooldown: 3 tons, ISIP:2,787 PSI, Frac Gradient: 1.03 psi/ft. Successfully flushed wellbore with 50Q foam 10 bbl over flush with 500 gal. fluid cap. 1, SI. RD HES frac iron and Cutter lub. move to 13A-31D. - 2, Start flow back stages 1-11 through Cathedral flow equipment. Total bbls to recover 6000 . Monitor LELs. H2S. Co2. - 8

Peter's Point #13-31D-12-17 3/12/2011 06:00 - 3/13/2011 06:00

 API/UWI
 State/Province
 County
 Field Name
 Well Status
 Total Depth (ftKB)
 Primary Job Type

 43-007-50026
 Utah
 Carbon
 West Tavaputs
 7,095.0
 Drilling & Completion

Time Log Summary

Flow back stages 1-11 through Cathedral flow equipment. venting CO2 at flare stack. FCP: 700 psi on 3/4 ck. Recovered 866 bbl fluid in 14 hours. Avg fluid rate of 61.85 BPH. CO2 40+%. 0.4 ppm H2S. PH7 5134 bbl left to recover. - 6, Flow back stages 1-11 clean up for gas sales. FCP: 710 psi on 3/4" choke. CO2 & Gas rate of 3541 MMCFD CO2 over 40% - 18

Peter's Point #13-31D-12-17 3/13/2011 06:00 - 3/14/2011 06:00

API/UWI State/Province County Field Name Well Status Total Depth (ftKB) Primary Job Type 43-007-50026 Utah Carbon West Tavaputs Total Depth (ftKB) Primary Job Type 7,095.0 Drilling & Completion

Time Log Summary

Flow back stages 1-11 through Cathedral flow equip. FCP: 700 psi on 3/4 ck. recovered 313 bbl fluid in 24 hours avg. of 13 BPH. CO2: over 40%. H2S: 0.5 ppm. total bbls left to recover: 4821. - 6, Flow back stages 1-11 FCP: 660 psi on 3/4 ck. CO2: 40% - 18

Peter's Point #13-31D-12-17 3/14/2011 06:00 - 3/15/2011 06:00

API/UWI State/Province County Field Name Well Status Total Depth (ftKB) Primary Job Type 43-007-50026 Utah Carbon West Tavaputs Total Depth (ftKB) Primary Job Type Drilling & Completion

Time Log Summary

Flow back stages 1-11 through Cathedral flow equipment. FCP: 675 psi on 48 ck. recovered 125 bbl in 24 hours avg. of 5.16 BPH. CO2:15%. H2S: 0.75 ppm. gas rate of 3.289 MMCFD. - 6, Flow back stages 1-11. Turn well over to production sales. 4.5 MMCFD on 24 ck. FCP:1060 PSI. CO2: 15 % - 5.5, flolw casing gas to production sales - 12.5

www.peloton.com Page 3/3 Report Printed: 4/4/2011

Form 3160-4

# **UNITED STATES**

FORM APPROVED

(August 20)	17)		DEPAI BUREA														1 <del>004-</del> 0137 ly 31, 2010	
	WELL	COM	PLETION (	OR R	ECOI	MPLE	TION	REPOR	₹T	AND L	OG		Ì		ease Serial	No.		
la. Type b. Type	of Well [	Oil W	ell ⊠ Gas New Well		I 🗆 ork Ov		Othe		lmo	Back	n Dif	¥ Des		6. If	Indian, A	lottee o	or Tribe Name	
		0	ther						Ī	, 6401	0.0	1. 100		7. U	nit or CA TU63014	Agreem	nent Name and No.	
BILL	of Operator BARRETT C				britey(	Contact Dbillbar	: BRAI							8. L	ase Name ETER'S	and W	ell No. UNIT FEDERAL 13-3	31D-12-17
	DENVER	R, CO 8						Ph: 303-	312		area co	de)		9. A	PI Well N	o	43-007-50026	
4. Locati At sur			ation <b>clearly</b> a	nd in ac	cordan	ce with	Federal	requireme	nts	)*				10. I	ield and F ETERS F	ool, or OINT	Exploratory	
			below SW	SW 66	1FSL	637FW	L						[	11. 5	ec., T., R. r Area Se	, M., or oc 31 T	Block and Survey 12S R17E Mer SLB	
At tot	aldepth SV	VSW 67	3FSL 631FW	'L											County or I	arish	13. State UT	
14. Date 10/04	Spudded /2010			ate T.D 2/12/20		ıed			&	Completed A 🖸 R 2/2011	i leady t	o Pro	d.	1 <b>7. E</b>	levations 67	(DF, <b>K</b> 43 GL	B, RT, GL)*	
18. Total	Depth:	MD TVD	7095 7065		19. 1	Plug Ba	ck T.D.:			704 701		2	0. Dept	h Bri	ige Plug S		MD TVD	•
21. Type	Electric & Ot LECOMB	her Meel MUD/N	nanical Logs R EUTRON DE	un (Sul CAY, (	omit co	py of ca	ch)		_		22. W: W:	as DS	ll cored	-	No No	☐ Yes	s (Submit analysis) s (Submit analysis)	
***************************************			port all strings								Di	rectio	nal Surv	rey?	□ No	Yes	s (Submit analysis)	
Hole Size			W1. (#/ft.)	To (M	Op qu	Botto (MD		ige Cemen Depth	ter	No. of Type of			Slurry V		Cement	Top*	Amount Pulled	
24.00	0 14.00	00 CONI			0	(1.11)	40		40	type of	Cemer	"	IDDL	.)		0	<del> </del>	
12.25		.625 J-5		_	0		010	10	10		1	70		60		0		
8.75	60 4.5	500 <u>P11</u>	0 11.6		0	7	095	708	33		4	90		166		0	15000	
24. Tubin	e Record			<u> </u>								Щ,						
Size	Depth Set ()	MD)	Packer Depth	(MD)	Siz	e E	Depth Sc	t (MD)	Pa	acker Depti	h (MD)		Size	De	pth Set (M	D)	Packer Depth (MD)	
25. Produc	ing Intervals				i		26. Per	foration Re	co	rd		L_						
1	Formation		Top		Bott	om		Perforate	ed I	nterval			Size	IN	o. Holes	Т	Perf. Status	
A)		ATCH		4631		6279				4631 TO			0.35	<del></del>		OPE		
B) C)	MESAV	ERUE		6330		6948				6330 TO	6948		0.35	익_	186	OPE	N	
D)														╁		-		
27, Acid, 1			ement Squeeze	Etc.								_				I		
	Depth Interv		6279 WASAT	CU: CE	COTAC		31.5.44		Αп	ount and T	Type of	Mai	erial					
<del></del>			6948 MESAV						_									
28. Produc	tion - Interval	l A						~	-,									
Date First Produced	Test Date	Hours Tested	Te-4 Production	Oil BBL	6	as CF	Water		Gra		Gas		Pa	roductio	n Method			
03/14/2011	03/20/2011	24		0.0		5122.0	BBI.	28,0	7 A	P1	Gra	ity	ļ		FLOV	VS FRO	M WELL	
Choke Size	The Press	Cag Press	24 Flr Rate	Oil BBI	G M	ы CF	Water BBL	Gas Rui	io Oil		Wel	Status	,					
30/64	SI Total	809.0		0		5122		28	_	0		PGV	v			RE	CEIVED	
28a, Produ Date First	rest Test	liours	Test	Oil	To.		317.0	la c	_		1							
Produced	Date	Tested		BBI.	G(	CF	Water BBL		Grav r Al		Gas Grav		Pr	oducue	n Method	API	R 1 3 2011	
Choke Size	Tby. Press Flwy Sl	Csg Ptess	24 Hr Rate	Oil BBI.	G. M	CF	Water BBI.	Cias Rati	.Oil		Wel	Status			DIV.	OF O	IL, GAS & MINING	İ

401.0												
Date First	duction - Interv	/al C Hours	Tr.:	Tox	La .	T						
Produced	Date	Tested	Test Production	Oil BB1.	Gas MCF	Water BBL	Off Gravity Cort API		ias iravny	Production Method		
Choke Sire	The Press Flwg SI	Cag Press	24 Hr Rate	Oil BBI	Gas MCF	Water BBL	Gas Oil Ratio	W	Vell Status			, <u></u>
28c. Proc	luction - Interv	al D		·			<del> </del>					
Date First Produced	Fest Date	Hours Tested	Test Production	Ort 881,	Gas MCF	Water BBL	Oil Gravity Cort API		ias irevity	Production Method y		
Choke Size	The Press Flwg Si	Cág Přess	24 Hr Rate	BBT Oil	Gas MCF	Water BBL	Gas Oil Ratio	W	Vell Status			
29. Dîspo SOL	osition of Gas <i>f.</i> D	Sold, used	for fuel, vent	ed, etc.)								
Show tests,	nary of Porous all important including dept ecoveries.	zones of po	orosit <b>v and c</b> e	ontents there	of: Cored in tool open,	ntervals and flowing an	l all drill-stem d shut-in pressure	8	31. For	mation (Log) Mar	kers	
	Formation	]	Top	Bottom		Descripti	ons, Contents, etc			Name		Top Meas. Depth
Prode CBL	tional remarks uction top of c mailed due to and Frac brea	ement ve lile size	nilied by CB	BL .		····			NO DA	SATCH RTH HORN RK CANYON ICE RIVER		2801 4584 6092 6286 7095
I. Ele	e enclosed attac cetrical/Mecha indry Notice fo	nical Logs		-		2. Geologie 6. Core An	•		3. DST Rep 7 Other;	ort	4. Direction	al Survey
34. I here	by certify that	the foregoi		onie Submi:	ssion #1063	316 Veri∏e	rrect as determine d by the BLM W ORATION, sen	ell Info	rmation Sys		hed instruction	ns):
Name	(please print)	BRADY F	RILEY		}		Title PI	ERMIT	ANALYST			
Signa	ture	PleArba	Submission	pn)	ju	4	Date <u>04</u>	1/12/20	111			
Title 18 U	J.S.C. Section ited States any	1001 and T	itle 43 U.S.C	Section 12	112. make it	t a crime for	r any person know	ingly a	nd willfully t	o make to any dej	partment or ag	ency

## Peter's Point Unit Federal 13-31D-12-17 Report Continued\*

44. ACID, FI	44. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC. (cont.)									
AMOUNT AND TYPE OF MATERIAL										
Stage Bbls Sturry 20/40 lbs White Sand										
1	515	77,500								
2	572	80,300								
3	611	96,100								
4	947	166,200								
5	796	134,500								
6	709	116,100								
7	945	138,300								
8	651	88,100								
9	531	68,100								
10	565	76,100								
11	342	41,900								

<sup>\*</sup>Depth intervals for frac information same as perforation record intervals.

RECEIVED
APR 1 3 2011



# Bill Barrett Corp.

Carbon County, UT [NAD27]
Peter's Point 13-31 Pad
PPU Fed 13-31D-12-17

Wellbore #1

**Survey: Surveys** 

# **Standard Survey Report**

14 February, 2011

RECEIVED
APR 1 3 2011

DIV. OF OIL, GAS & MINING



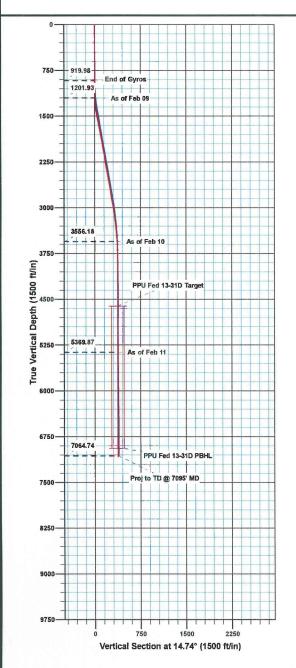
#### WELL DETAILS: PPU Fed 13-31D-12-17

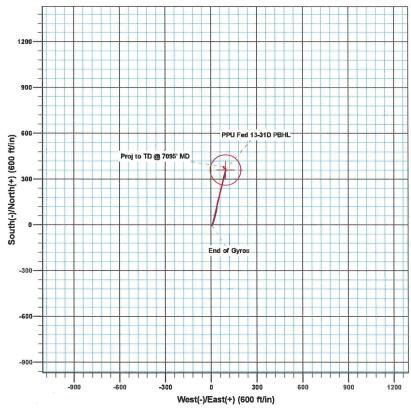
US State Plane 1927 (Exact solution) , Utah Central 4302 , NAD 1927 (NADCON CONUS)

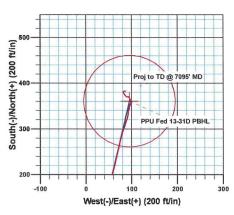
Ground Level: 6743.00

Northing Latittude +N/-S +E/-W Easting Longitude 0.00 509723.71 2404809.69 39° 43' 25.91 N 110° 3' 38.54 W











Azimuths to True North Magnetic North: 11.32°

Magnetic Field Strength: 52179.4snT Dip Angle: 65.56° Date: 11/10/2010 Model: IGRF200510

### **ANNOTATIONS**

TVD	MD	Inc	Azi	+N/-S	+E/-W	VSect D	Departure	Annotation
1201.93	1202.00	2.600	33.10	0.00	6.84	1.74	4.83	As of Feb 09
3556,18	3586.00	3.800	20.50	353.19	96.54	366.13	370.55	As of Feb 10
5369,87	5400.00	0.400	324.60	370.80	89.32	381.33	394.04	As of Feb 11
7064.74	7095.00	0.800	114,60	382,82	86,15	392,15	413,61	Proj to TD @ 7095' MD



APR 1 3 2011



DIV. OF OIL GAS & 1998 13



### **Sharewell**

Survey Report



Company:

Bill Barrett Corp.

Project: Site:

Carbon County, UT [NAD27] Peter's Point 13-31 Pad

Well:

PPU Fed 13-31D-12-17

Wellbore: Design:

Wellhore #1

Wellbore #1

Local Co-ordinate Reference:

**TVD Reference:** 

MD Reference:

North Reference:

**Survey Calculation Method:** 

Database:

Well PPU Fed 13-31D-12-17

KB:@ 6761:.00ft

KB @ 6761.00ft True

Minimum Curvature

Compass VM

**Project** 

Carbon County, UT [NAD27]

Map System: Geo Datum: Map Zone:

US State Plane 1927 (Exact solution) NAD 1927 (NADCON CONUS)

Utah Central 4302

System Datum:

Mean Sea Level

Using geodetic scale factor

Site

Well

Peter's Point 13-31 Pad

Site Position:

Lat/Long

Northing:

509,701.66 usft 2,404,799.73 usft Latitude:

Longitude:

39° 43' 25.69 N

From: **Position Uncertainty:** 

Easting: Slot Radius:

1.10 ft

**Grid Convergence:** 

110° 3' 38.67 W

0.92°

PPU Fed 13-31D-12-17

**Well Position** 

+N/-S +E/-W

0.00 ft

0.00 ft Northing:

509,723.72 usft 2,404,809.69 usft Latitude: Longitude: 39° 43' 25.91 N

52,179

0.00

**Position Uncertainty** 

0.00 ft 0.00 ft

Easting: Wellhead Elevation:

11/10/10

**Ground Level:** 

110° 3' 38.54 W 6,743.00 ft

Wellbore #1

Wellbore #1

Wellbore **Magnetics** 

**Model Name** 

Sample Date

Declination

(°)

Dip Angle (°)

Field Strength

(nT)

IGRF200510

Audit Notes:

Version:

Design

1.0

Phase:

Depth From (TVD)

(ft)

**ACTUAL** 

Tie On Depth:

**Vertical Section:** 

+N/-S

11.32

+E/-W

Direction

65.56

0.00

(ft) 0.00 (ft) 0.00 (°) 14.74

Survey Program

Date 02/14/11

From (ft)

To (ft)

Survey (Wellbore)

**Tool Name** 

Description

100.00 1,107.00

920.00 Gyro Surveys (Wellbore #1) 7,095.00 Surveys (Wellbore #1)

MWD MWD MWD - Standard MWD - Standard

Survey

										34.5
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	
920.00	0.430	216.34	919.98	-1.72	4.17	-0.60	0.00	0.00	0.00	
1,009.00	0.252	110.63	1,008.98	-2.05	4.15	-0.93	0.62	-0.20	-118.77	
9 5/8"										-
 1,107.00	0.800	75.90	1,106.98	-1.96	5.02	-0.62	0.62	0.56	-35.44	
1,202.00	2.600	33.10	1,201.93	0.00	6.84	1.74	2.19	1.89	-45.05	
1,298.00	5.800	25.10	1,297.66	6.22	10.09	8.58	3.38	3.33	-8.33	
1,393.00	8.600	23.40	1,391.90	17.09	14.95	20.33	2.96	2.95	-1.79	
1,488.00	10.200	14.90	1,485.63	31.74	19.93	35.77	2.23	1.68	-8.95	
1,584.00	10.700	13.60	1,580.04	48.62	24.21	53.18	0.58	0.52	-1.35	
1,681.00	11.200	14.20	1,675,27	66.50	28.64	71.60	0.53	0.52	0.62	



### **Sharewell**

Survey Report



Company:

Bill Barrett Corp.

Project: Site: Carbon County, UT [NAD27] Peter's Point 13-31 Pad

Well:

PPU Fed 13-31D-12-17

Wellbore: Design: Wellbore #1 Wellbore #1 Local Co-ordinate Reference:

TVD Reference:

MD Reference: North Reference:

Survey Calculation Method:

Database:

Well PPU Fed 13-31D-12-17

KB @ 6761.00ft

KB @ 6761.00ft

True

Minimum Curvature

Compass VM

rvey										
	sured epth	Inclination	Azimuth	Vertical Depth	+N/-S	+E/-W	Vertical Section	Dogleg Rate	Build Rate	Turn Rate
	(ft)	(°)	(°)	(ft)	(ft)	(ft)	(ft)	(°/100ft)	(°/100ft)	(°/100ft)
1	1,776.00	11.600	15.00	1,768.40	84.67	33.38	90.38	0.45	0.42	0.84
1	1,872.00	10.300	7.10	1,862.65	102.51	36.93	108.54	2.07	-1.35	-8.23
	1,967.00	10.300	4.80	1,956.12	119.40	38.69	125.32	0.43	0.00	-2.42
	2,062.00	9.400	7.10	2,049.72	135.57	40.36	141.37	1.03	-0.95	2.42
	2,157.00	9.900	16.00	2,143.38	151.12	43.57	157.23	1.65	0.53	9.37
	2,253.00	9.800	14.30	2,237.97	166.97	47.87	173.65	0.32	-0.10	-1.77
	249.00	0.600	14.20	0 221 61	100.40	E4 04	100.66	0.24	0.21	0.11
	2,348.00	9.600	14.20	2,331.61	182.48	51.81	189.66	0.21	-0.21	-0.11
	2,443.00	10.100	16.00 15.60	2,425.21	198.17	56.05	205.90	0.62	0.53	1.89
	2,539.00	9.600	15.60	2,519.79	213.97	60.52	222.32	0.53	-0.52 0.50	-0.42 3.83
	2,624.00 2,729.00	10.100 9.400	13.20 12.70	2,603.54 2,707.02	228.05 245.38	64.13 68.12	236.86 254.63	0.76 0.67	0.59 -0.67	-2.82 -0.48
	L,1 20.00	3,700	12.70	2,101.02	240.00	00.12	204.00	0.07	-0.07	-0.40
	2,824.00	9.900	12.10	2,800.68	260.93	71.53	270.55	0.54	0.53	-0.63
	2,919.00	10.300	14.20	2,894.21	277.15	75.33	287.20	0.57	0.42	2.21
	3,015.00	8.600	18.10	2,988.90	292,30	79.66	302.95	1.89	-1.77	4.06
	3,110.00	7.900	18.00	3,082.92	305.26	83.89	316.55	0.74	-0.74	-0.11
3	3,206.00	7.600	20.40	3,178.04	317.48	88.14	329.46	0.46	-0.31	2.50
	3,301.00	6.700	10.20	3,272.30	328.82	91.31	341.24	1.63	-0.95	-10.74
	3,396.00	5.200	4.40	3,366.79	338.57	92.62	351.00	1.70	-1.58	-6.11
	3,491.00	4.700	18.60	3,461.44	346.55	94.19	359.11	1.39	-0.53	14.95
	3,586.00	3.800	20.50	3,556.18	353.19	96.54	366.13	0.96	-0.95	2.00
	3,682.00	2.400	5.80	3,652.04	358.17	97.86	371.28	1.67	-1.46	-15.31
	3,777.00	1.300	344.40	3,746.99	361.19	97.77	374.18	1.35	-1.16	-22.53
	3,777.00 3,873.00	1.500	338.30	3,746.99 3,842.96	363.40	97.77 97.01	374.16 376.13	0.26	0.21	-22.53 -6.35
	3,968.00	1.400	340.70	3,937.93	365.65	96.17	378.09	0.26	-0.11	2.53
	4,063.00	1.400	340.70 324.70	4,032.90	367.49	95.17 95.26	378.09	0.12 0.48	-0.11	2.53 -16.84
	4,063.00 4,158.00	1.100	325.40	4,032.90 4,127.89	368.99	95.26	380.82	0.48	-0.32 0.00	-16.84 0.74
	4,254.00	0.400	343.10	4,223.88	370.07	93.59	381.70	0.76	-0.73	18.44
	4,350.00	0.400	311.60	4,319.88	370.61	93.24	382.14	0.23	0.00	-32.81
	4,445.00	0.100	312.10	4,414.88	370.89	92.93	382.33	0.32	-0.32	0.53
	4,541.00	0.300	283.10	4,510.87	371.00	92.63	382.36	0.23	0.21	-30.21
	4,636.00	0.300	269.20	4,605.87	371.05	92.13	382.28	0.08	0.00	-14.63
	4,732.00	0.200	228.00	4,701.87	370.94	91.76	382.08	0.21	-0.10	-42.92
	4,827.00	0.400	254.30	4,796.87	370.74	91.32	381.77	0.25	0.21	27.68
	4,923.00	0.100	200.60	4,892.87	370.57	90.96	381.52	0.36	-0.31	-55.94
	5,019.00	0.300	315.20	4,988.87	370.67	90.76	381.56	0.37	0.21	119.38
	5,114.00	0.300	241.40	5,083.87	370.72	90.36	381.52	0.38	0.00	-77.68
	5,210.00	0.300	273.40	5,179.87	370.62	89.89	381.29	0.17	0.00	33.33
	5,305.00	0.300	273.40 232.30	5,179.67	370.52	89.58	381.18	0.17	-0.21	-43.26
	5,400.00	0.400	324.60	5,369.87	370.80	89.32	381.33	0.44	0.32	97.16
	5,495.00	0.400	304.30	5,464.86	371.26	88.85	381.65	0.15	0.00	-21.37
	5,590.00	0.800	289.60	5,559.86	371.67	87.96	381.82	0.45	0.42	-15.47
	5,686.00	1.100	320.10	5,655.85	372.60	86.73	382.41	0.60	0.31	31.77
	5,781.00	0.900	319.40	5,750.83	373.87	85.66	383.36	0.21	-0.21	-0.74



### **Sharewell**

Survey Report



Company:

Bill Barrett Corp.

Project: Site: Carbon County, UT [NAD27] Peter's Point 13-31 Pad

Well:

PPU Fed 13-31D-12-17 Wellbore #1

Wellbore: Design:

Wellbore #1

Local Co-ordinate Reference:

TVD Reference: MD Reference:

North Reference: Survey Calculation Method:

Database:

Well PPU Fed 13-31D-12-17

KB @ 6761.00ft

KB @ 6761.00ft

True

Minimum Curvature

Compass VM

urvey											
	Measured Depth (ft)	Inclinati (°)	on	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
	5,876.00	. 1	.000	312.20	5,845.82	374.99	84.56	384.17	0.16	0.11	-7.58
	5,971.00	0	800	313.60	5,940.81	376.00	83.47	384.87	0.21	-0.21	1.47
	6,067.00		600	348.60	6,036.80	376.96	82.88	385.64	0.48	-0.21	36.46
	6,162.00	0	.800	344.70	6,131.79	378,09	82.61	386.66	0.22	0.21	-4.11
	6,257.00	۰. 0	700	343.80	6,226.78	379.28	82.27	387.74	0.11	-0.11	-0.95
	6,352.00	. 0	500	332.10	6,321.78	380.21	81.92	388.54	0.25	-0.21	-12.32
	6,447.00	0	500	337.10	6,416.78	380.96	81.56	389.17	0.05	0.00	5.26
	6,543.00	0	.400	359.40	6,512.77	381.68	81.40	389.83	0.21	-0.10	23.23
	6,638.00	0	.600	52.00	6,607.77	382.31	81.79	390.54	0.50	0.21	55.37
	6,733.00	0	300	75.80	6,702.77	382.68	82.42	391.06	0.37	-0.32	25.05
	6,828.00	. 0	.500	82.50	6,797.76	382.80	83.07	391.33	0.22	0.21	7.05
	6,923.00	. 0	.700	74.90	6,892.76	383.00	84.04	391.78	0.23	0.21	-8.00
	7,018.00	0	700	88.10	6,987.75	383.17	85.18	392.24	0.17	0.00	13.89
	7,050.00	0	.800	114.60	7,019.75	383.09	85.58	392.25	1.12	0.31	82.81
	7,095.00	0	.800	114.60	7,064.74	382.82	86.15	392.15	0.00	0.00	0.00

Casing Points				
Measured Ver	rtical	소속 항공기 회 원회인 현기인	Casing	Hole
	epth		Diameter	Diameter
(ft)	(ft)	Name	(ft)	(ft)
1,009.00	1,008.98 9 5/8"		0.80	1.02

S	Survey Annotations				
	Measured	Vertical	Local Coord	linates	
	Depth	Depth	+N/-S	+E/-W	
1.	(ft)	(ft)	(ft)	(ft)	Comment
	1,202.00	1,201.93	0.00	6.84	As of Feb 09
	3,586.00	3,556.18	353.19	96.54	As of Feb 10
	5,400.00	5,369.87	370.80	89.32	As of Feb 11
	7,095.00	7,064.74	382.82	86.15	Proj to TD @ 7095' MD

Checked By:	· ·	Approved By:	Date:

	STATE OF UTAH		FORM 9					
	DEPARTMENT OF NATURAL RESOURCE DIVISION OF OIL, GAS, AND MIN		5.LEASE DESIGNATION AND SERIAL NUMBER: UTU0737					
	RY NOTICES AND REPORTS		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:					
	sals to drill new wells, significantly deepen ugged wells, or to drill horizontal laterals. L		7.UNIT or CA AGREEMENT NAME: PETERS POINT					
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: PETERS POINT U FED 13-31D-12-17					
2. NAME OF OPERATOR: BILL BARRETT CORP			9. API NUMBER: 43007500260000					
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , [		NE NUMBER: 12-8164 Ext	9. FIELD and POOL or WILDCAT: UNDESIGNATED					
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0290 FSL 0545 FWL			COUNTY: CARBON					
QTR/QTR, SECTION, TOWNSH: Qtr/Qtr: SWSW Section: 3:	IP, RANGE, MERIDIAN: 1 Township: 12.0S Range: 17.0E Meridian:	S	STATE: UTAH					
11. CHE	CK APPROPRIATE BOXES TO INDICAT	TE NATURE OF NOTICE, REPORT,	OR OTHER DATA					
TYPE OF SUBMISSION		TYPE OF ACTION						
	☐ ACIDIZE	ALTER CASING	CASING REPAIR					
Approximate date work will start:	☐ CHANGE TO PREVIOUS PLANS	CHANGE TUBING	☐ CHANGE WELL NAME					
4/15/2012	☐ CHANGE WELL STATUS	$\square$ commingle producing formations	☐ CONVERT WELL TYPE					
☐ SUBSEQUENT REPORT	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION					
Date of Work Completion:	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK					
	☐ PRODUCTION START OR RESUME	✓ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION					
SPUD REPORT Date of Spud:	☐ REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON					
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL					
DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	APD EXTENSION					
Report Date.	☐ WILDCAT WELL DETERMINATION	OTHER	OTHER:					
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  BBC is submitting this sundry to request an exception to BLM Onshore Order  #7 and UDOGM R649-3-16-3, allowing the cuttings pit/trench on the Peters  Point 13-31 pad to remain open past the allocated time. The pit will be closed ccepted by the after 4/15/2012, when the WTPs special protective measures for wildlife and that Division of high county watershed stipulations are lifted. The pit will remain fenced or ill, Gas and Mining four sides until closed. Please contact Brady Riley at 303-312-81 FOR RECORD ONLY								
NAME (PLEASE PRINT)	PHONE NUMBER							
Brady Riley	303 312-8115	Permit Analyst						
SIGNATURE N/A		<b>DATE</b> 11/30/2011						

Sundry Number: 30202 API Well Number: 43007500260000

	STATE OF UTAH		FORM 9
	DEPARTMENT OF NATURAL RESOURCES		5.LEASE DESIGNATION AND SERIAL NUMBER:
	DIVISION OF OIL, GAS, AND MININ	NG	UTU0737
SUNDF	RY NOTICES AND REPORTS OF	N WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	oposals to drill new wells, significantly de reenter plugged wells, or to drill horizonta n for such proposals.		7.UNIT or CA AGREEMENT NAME: PETERS POINT
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: PETERS POINT U FED 13-31D-12-17
2. NAME OF OPERATOR: BILL BARRETT CORP			9. API NUMBER: 43007500260000
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300		HONE NUMBER: 3 312-8164 Ext	9. FIELD and POOL or WILDCAT: PETERS POINT
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0290 FSL 0545 FWL			COUNTY: CARBON
QTR/QTR, SECTION, TOWNSH	HIP, RANGE, MERIDIAN: 31 Township: 12.0S Range: 17.0E Meridia	n: S	STATE: UTAH
11. CHEC	K APPROPRIATE BOXES TO INDICATE	NATURE OF NOTICE, REPOR	RT, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
	ACIDIZE	ALTER CASING	CASING REPAIR
NOTICE OF INTENT Approximate date work will start:	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME
Approximate date work will start.	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN	FRACTURE TREAT	NEW CONSTRUCTION
9/20/2012	OPERATOR CHANGE	PLUG AND ABANDON	PLUG BACK
SPUD REPORT	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION
Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON
	TUBING REPAIR	VENT OR FLARE	WATER DISPOSAL
DRILLING REPORT Report Date:	WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION
	WILDCAT WELL DETERMINATION	OTHER	OTHER:
12 DESCRIPE PROPOSED OR	COMPLETED OPERATIONS. Clearly show all		Norths volumes etc
	to report the pit on this pad wa		Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY October 16, 2012
NAME (PLEASE PRINT)	PHONE NUMBER	The state of the s	
Brady Riley	303 312-8115	Permit Analyst	
SIGNATURE N/A		<b>DATE</b> 9/25/2012	

# Division of Oil, Gas and Mining OPERATOR CHANGE WORKSHEET (for state use only)

ROUTING
CDW

X - Change of Operator (Well Sold)			Operator Name Change/Merger								
The operator of the well(s) listed below has change	ged, effecti	ive:	1/1/2014								
FROM: (Old Operator): N2165-Bill Barrett Corporation 1099 18th Street, Suite 230 Denver, CO 80202		TO: ( New Operator): N4040-EnerVest Operating, LLC 1001 Fannin Street, Suite 800 Houston, TX 77002									
Phone: 1 (303) 312-8134			Phone: 1 (713) 659-3500								
CA No.			Unit: Peter Point								
	SEC TW	N RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS				
See Attached List							I				
OPERATOR CHANGES DOCUMENTA Enter date after each listed item is completed  1. (R649-8-10) Sundry or legal documentation wa  2. (R649-8-10) Sundry or legal documentation wa  3. The new company was checked on the <b>Departm</b> 4a. Is the new operator registered in the State of U  5a. (R649-9-2) Waste Management Plan has been re  5b. Inspections of LA PA state/fee well sites comple	s received s received nent of Co tah: ceived on: ete on:	from the	e NEW operator e, Division of Co Business Numb Not Yet Yes	on: orporation	1/7/2014 1/7/2014 s Database on: 8850806-0161		1/28/2014				
<ul> <li>5c. Reports current for Production/Disposition &amp; S</li> <li>6. Federal and Indian Lease Wells: The BL or operator change for all wells listed on Federal</li> <li>7. Federal and Indian Units:</li> </ul>	M and or t	the BIA	= =	e merger, na		BIA	_ N/A				
<ol> <li>Federal and Indian Units:         <ul> <li>The BLM or BIA has approved the successor</li> </ul> </li> <li>Federal and Indian Communization Agrange The BLM or BIA has approved the operator of the Underground Injection Control ("UIC" Inject, for the enhanced/secondary recovery underground Injection Control ("UIC" Inject, for the enhanced/secondary recovery underground Injection Control ("UIC" Inject, for the enhanced/secondary recovery underground Injection Control ("UIC" Inject, for the enhanced/secondary recovery underground Injection Control ("UIC" Inject, for the enhanced/secondary recovery underground Injection Control ("UIC" Inject, for the enhanced/secondary recovery underground Injection Control ("UIC" Inject, for the enhanced/secondary recovery underground Injection Control ("UIC" Inject, for the enhanced/secondary recovery underground Injection Control ("UIC" Inject, for the enhanced/secondary recovery underground Injection Control ("UIC" Inject, for the enhanced/secondary recovery underground Injection Control ("UIC" Inject, for the enhanced/secondary recovery underground Injection Control ("UIC" Inject, for the enhanced/secondary recovery underground Injection Control ("UIC" Inject, for the enhanced/secondary recovery underground Injection Control ("UIC" Inject, for the enhanced ("UIC" Inject, for the</li></ol>	reements for all well ) Division	s ("CA" s listed von has a	'): vithin a CA on: pproved UIC F	orm 5 Tra		ity to Yes	_				
<ol> <li>Changes entered in the Oil and Gas Database</li> <li>Changes have been entered on the Monthly Op</li> <li>Bond information entered in RBDMS on:</li> <li>Fee/State wells attached to bond in RBDMS on</li> <li>Injection Projects to new operator in RBDMS of</li> </ol>	erator Cl : on:		1/28/2014 oread Sheet on: 1/28/2014 1/28/2014 1/28/2014	- - -	1/28/2014						
<ul><li>6. Receipt of Acceptance of Drilling Procedures for</li><li>7. Surface Agreement Sundry from NEW operator</li><li>BOND VERIFICATION:</li></ul>					1/7/2014 1/7/2014	•					
<ol> <li>Federal well(s) covered by Bond Number:</li> <li>Indian well(s) covered by Bond Number:</li> <li>(R649-3-1) The NEW operator of any state/fe</li> <li>The FORMER operator has requested a release</li> </ol>			- - umber N/A	B008371							
LEASE INTEREST OWNER NOTIFIC  4. (R649-2-10) The NEW operator of the fee wells of their responsibility to notify all interest owner  COMMENTS:	has been o	contacte		by a letter fr 1/28/2014							

# Bill Barrett Corporation (N2165) to EnerVest Operating, LLC (N4040) Effective 1/1/2014 Peter Point Unit

				Peter Point L						,
Well Name	·					Mineral	Lease	Surface Lease	Well Type	Well Status
PPU FED 11-34D-12-16			160E			Federal		Federal	GW	APD
PPU FED 10-34D-12-16		120S	160E			Federal		Federal	GW	APD
PETERS POINT UF 15X-36D-12-16		120S	160E	4300750178	·	Federal		Federal	GW	APD
PETERS POINT UF 10-1D-13-16		120S	160E	4300750182		Federal		Federal	GW	APD
PETERS POINT UF 9-1D-13-16	36	120S	160E	4300750183		Federal		Federal	GW	APD
PPU FED 9-34D-12-16	34		160E	4300731430	17225	Federal		Federal	GW	OPS
PPU FED 15-35D-12-16	35	120S	160E	4300731475		Federal		Federal	GW	OPS
PETERS POINT U FED 12A-6D-13-17	31	120S	170E	4300750034	2470	Federal		Federal	GW	OPS
PETERS POINT U FED 11A-31D-12-17	31	120S	170E	4300750036	2470	Federal		Federal	GW	OPS
PETERS POINT U FED 9-6D-13-17	6	130S	170E	4300750120	2470	Federal		Federal	GW	OPS
PETERS POINT U FED 14-6D-13-17	6	130S	170E	4300750121	2470	Federal		Federal	GW	OPS
PETERS POINT U FED 15-6D-13-17	6	130S	170E	4300750122	2470	Federal		Federal	GW	OPS
PETERS POINT UF 2-7D-13-17	6	130S	170E	4300750149	2470	Federal		Federal	GW	OPS
PETERS POINT UF 1-7D-13-17	6	130S	170E	4300750150	2470	Federal		Federal	GW	OPS
PETERS POINT U FED 36-2		120S	160E	4300730761		Federal		Federal	GW	P
PETERS POINT U FED 36-3		120S	160E	4300730762		Federal		Federal	GW	P
PETERS POINT U FED 36-4		120S	160E	4300730763		Federal		Federal	GW	P
PETERS POINT U FED 14-25D-12-16		120S	160E	4300730764		Federal		Federal	GW	P
PETERS POINT U FED 4-31D-12-17	_	120S	160E	4300730810		Federal		Federal	GW	P
PETERS POINT U FED 16-26D-12-16		120S	160E	4300730812		Federal		Federal	GW	P
PETERS POINT U FED 6-7D-13-17		130S	170E	4300730859		Federal		Federal	GW	P
PETERS POINT U FED 16-35	_	120S	160E	4300730965		Federal		Federal	GW	P
PETERS POINT U FED 11-6-13-17		130S	170E	4300730982		Federal		Federal	GW	P
PETERS POINT U FED 16-6D-13-17		130S	170E	430073004		Federal		Federal	GW	P
PETERS POINT U FED 16-31D-12-17		130S	170E	4300731004		Federal		Federal	GW	P
PETERS POINT U FED 12-31D-12-17		120S	160E	4300731009		Federal		Federal	GW	P
PETERS POINT U FED 2-36D-12-16		120S	160E		-	Federal		Federal	GW	P
PETERS POINT U FED 9-36-12-16	_	120S	160E	4300731010		Federal		Federal	GW	P
PETERS POINT U FED 9-36-12-16  PETERS POINT U FED 8-35D-12-16	_	120S 120S	160E			Federal			GW	P
PETERS POINT U FED 4-12D-13-16		120S 130S	160E	4300731024				Federal	GW	P
PETERS POINT U FED 2-12D-13-16	_		170E	4300731049				State	GW	P
PETERS POINT U FED 10-36D-12-16	·	130S		4300731158				Federal		P
		120S	160E	4300731174		Federal		Federal	GW	
PETERS POINT U FED 12-36D-12-16		120S	160E	4300731175		Federal		Federal	GW	P
PPU FED 15-6D-13-17		130S		4300731261				Federal	GW	P
PP UF 3-36-12-16	+			4300731271				Federal	GW	P
PP UF 6-36-12-16		120S	160E	4300731272		Federal		Federal	GW	P
PPU FED 6-35D-12-16	-	120S	160E	4300731275		Federal		Federal	GW	P
PPU FED 8-34-12-16	<del> </del>	120S	160E	4300731279		Federal		Federal	GW	P
PPU FED 6-34D-12-16		120S	160E	4300731281		Federal		Federal	GW	P
PPU FED 7-1D-13-16 ULTRA DEEP	<del>}                                    </del>		170E	4300731293				Federal	GW	P
PPU FED 16-27-12-16	1	120S	160E	4300731318		Federal		Federal	GW	P
PPU FED 10-27D-12-16		120S	160E	4300731319		Federal		Federal	GW	P
PPU FED 2-34D-12-16		120S	160E	4300731320		Federal		Federal	GW	P
PPU FED 2-7D-13-17 DEEP		130S	170E	4300731326				Federal	GW	P
PPU FED 2-35D-12-16	35	120S	160E	4300731345	2470	Federal		Federal	GW	P
PPU FED 7-35D-12-16	35	120S	160E	4300731346	2470	Federal		Federal	GW	P
PPU FED 4-35D-12-16	35	120S	160E	4300731347	2470	Federal		Federal	GW	P
PPU FED 7-36D-12-16	36	120S	160E	4300731348	2470	Federal		Federal	GW	P
PPU FED 11-36D-12-16	36	120S	160E	4300731349	2470	Federal		Federal	GW	P
PPU FED 15-25D-12-16	36	120S	160E	4300731351	2470	Federal		Federal	GW	P
PPU FED 13-25D-12-16		120S	160E	4300731352		Federal		Federal	GW	P
PPU FED 4-36D-12-16	-	120S	160E			Federal		Federal	GW	P
PPU FED 1-35D-12-16		120S	160E	4300731365		Federal		Federal	GW	P
PPU FED 13-26D-12-16		120S	160E	4300731403		Federal		Federal	GW	P
PPU FED 15-26D-12-16	·	120S	160E	4300731404		Federal		Federal	GW	P
PPU FED 3-35D-12-16		120S		4300731404		Federal		Federal	GW	P
1101603-330-12-10	20	1400	TOOL	TJ00131403	24/0	Loucial		1 cuciai	UW	1

# Bill Barrett Corporation (N2165) to EnerVest Operating, LLC (N4040) Effective 1/1/2014 Peter Point Unit

Well Name	Sec TWN		API Number		Mineral Lease	Surface Lease	Well Type	Well Status
PPU FED 10-26D-12-16	26 120S	160E	4300731406		Federal	Federal	GW	P
PPU FED 11-26D-12-16	26 120S	160E	4300731407		Federal	Federal	GW	P
PPU FED 12-26D-12-16	26 120S	160E	4300731408		Federal	Federal	GW	P
PPU FED 11-27D-12-16	27 120S	160E	4300731409		Federal	Federal	GW	P
PPU FED 15-27D-12-16	27 120S	160E	4300731410		Federal	Federal	GW	P
PPU FED 9-27D-12-16	27 120S	160E	4300731411		Federal	Federal	GW	P
PPU FED 1-34D-12-16	34 120S	160E	4300731427		Federal	Federal	GW	P
PPU FED 7-34D-12-16	34 120S	160E	4300731428		Federal	Federal	GW	P
PPU FED 5-35D-12-16	34 120S	160E			Federal	Federal	GW	P
PPU FED 3-34D-12-16	34 120S	160E			Federal	Federal	GW	P
PPU FED 5-34D-12-16	34 120S	160E			Federal	Federal	GW	P
PPU FED 4-34D-12-16	34 120S	160E	4300731467		Federal	Federal	GW	P
		160E			Federal	Federal	GW	P
PPU FED 10-35D-12-16	35 120S		4300731474				GW	P
PPU FED 9-35D-12-16	35 120S	160E	4300731476		Federal	Federal		P
PETERS POINT U FED 9-26D-12-16	25 120S	160E	4300750021		Federal	Federal	GW	·
PETERS POINT U FED 11-25D-12-16	25 120S	160E	4300750022		Federal	Federal	GW	P
PETERS POINT U FED 10-31D-12-17	31 1208	170E	4300750023		Federal	Federal	GW	P
PETERS POINT U FED 11-31D-12-17	31 120S	170E	4300750024		Federal	Federal	GW	P
PETERS POINT U FED 13A-31D-12-17	31 120S	170E	4300750025		Federal	Federal	GW	P
PETERS POINT U FED 13-31D-12-17	31 120S	170E	4300750026		Federal	Federal	GW	P
PETERS POINT U FED 14-31D-12-17	31 120S	170E	4300750027		Federal	Federal	GW	P
PETERS POINT U FED 14A-31D-12-17	31 120S	170E	4300750028		Federal	Federal	GW	P
PETERS POINT U FED 12-25D-12-16	25 120S	160E	4300750029		Federal	Federal	GW	P
PETERS POINT U FED 12-6D-13-17	31 120S	170E			Federal	Federal	GW	P
PETERS POINT U FED 10-25D-12-16	25 120S	160E			Federal	Federal	GW	P
PETERS POINT U FED 13-36D-12-16	36 120S	160E	4300750037		Federal	Federal	GW	P
PETERS POINT U FED 15-36D-12-16	36 120S	160E		••••	Federal	Federal	GW	P
PETERS POINT U FED 11-1D-13-16	36 120S	160E	4300750039	2470	Federal	Federal	GW	P
PETERS POINT U FED 12-1D-13-16	36 120S	160E	4300750040	2470	Federal	Federal	GW	P
PETERS POINT U FED 3A-34D-12-16	27 120S	160E	4300750063	2470	Federal	Federal	GW	P
PETERS POINT U FED 4A-34D-12-16	27 120S	160E	4300750064	2470	Federal	Federal	GW	P
PETERS POINT U FED 12-27D-12-16	27 120S	160E	4300750065	2470	Federal	Federal	GW	P
PETERS POINT U FED 13-27D-12-16	27 120S	160E	4300750066	2470	Federal	Federal	GW	P
PETERS POINT U FED 13A-27D-12-16	27 120S	160E	4300750067	2470	Federal	Federal	GW	P
PETERS POINT U FED 14A-27D-12-16	27 120S	160E	4300750069	2470	Federal	Federal	GW	P
PETERS POINT U FED 5-31D-12-17	36 120S	160E	4300750109	2470	Federal	Federal	GW	P
PETERS POINT U FED 6-31D-12-17	36 120S	160E	4300750116	2470	Federal	Federal	GW	P
PETERS POINT U FED 9X-36D-12-16	36 120S	160E	4300750117	2470	Federal	Federal	GW	P
PETERS POINT U FED 1-36D-12-16	36 120S	160E	4300750118	2470	Federal	Federal	GW	P
PETERS POINT U FED 10-6D-13-17	6 130S	170E	4300750119	2470	Federal	Federal	GW	P
PETERS POINT U FED 15-31D-12-17	6 130S	170E	4300750123	2470	Federal	Federal	GW	P
PETERS POINT UF 12-5D-13-17	6 130S	170E	4300750151	2470	Federal	Federal	GW	P
PETERS POINT UF 13-5D-13-17	6 130S	170E	4300750152	2470	Federal	Federal	GW	P
PETERS POINT UF 13-30D-12-17	30 120S	170E	4300750153	18347	Federal	Federal	GW	P
PETERS POINT UF 14-30D-12-17	30 120S	170E				Federal	GW	P
PETERS POINT UF 12-30D-12-17	30 120S	170E			Federal	Federal	GW	P
PETERS POINT UF 11-30D-12-17	30 120S	170E				Federal	GW	P
PETERS POINT UF 3-31D-12-17	30 120S	170E	4300750157		Federal	Federal	GW	P
PETERS POINT UF 2-31D-12-17	30 120S	170E				Federal	GW	P
PETERS POINT UF 16-25D-12-16	30 120S	170E			Federal	Federal	GW	P
PETERS POINT UF 9-25D-12-16	30 120S	170E			Federal	Federal	GW	P
PETERS POINT UF 7X-36D-12-16	36 120S	160E			Federal	Federal	GW	P
PETERS POINT UF 7X-36D-12-16  PETERS POINT UF 8-36D-12-16	36 120S	160E			Federal	Federal	GW	P
PPU FED 14-26D-12-16	26 120S		4300730232	-	Federal	Federal	GW	S
						-		
PPU FED 5-36D-12-16	36 120S	TOUE	4300731350	2470	Federal	Federal	GW	S

FORM 9

## STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL, GAS AND MINING	5. LEASE DESIGNATION AND SERIAL NUMBER: (see attached well list)
SUNDRY NOTICES AND REPORTS ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged we drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL  OIL WELL  ORS WELL  OTHER  OTHER	8. WELL NAME and NUMBER:  (see attached well list)
2. NAME OF OPERATOR:	9. API NUMBER:
ENERVEST OPERATING, LLC  3. ADDRESS OF OPERATOR: PHONE NUMBER:	10. FIELD AND POOL, OR WILDCAT:
1001 FANNIN, ST. STE 800 CITY HOUSTON STATE TX ZIP 77002 (713) 659-35	
4. LOCATION OF WELL  FOOTAGES AT SURFACE: (see attached well list)	COUNTY:
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:	STATE: UTAH
OUTOX ADDDODDIATE DOVED TO INDICATE NATURE OF NOTICE	
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, TYPE OF SUBMISSION TYPE OF ACTION	
NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start:  1/1/2014 CHANGE TO PREVIOUS PLANS CHANGE TUBING Date of work completion:  COMMINGLE PRODUCING FORMATIONS  CONVERT WELL TYPE  PRECLAMATION OF WELL SITE  CONVERT WELL TYPE  CENERVEST OPERATING, LLC IS SUBMITTING THIS SUNDRY AS NOTIFICATION  ACIDIZE  DEEPEN  ACIDIZE DEEPEN  ACIDIZE DEEPEN  FRACTURE TREAT  ALTER CASING FRACTURE TREAT  NEW CONSTRUCTION OPERATOR CHANGE PRODUCING PRODUCING PLUG AND ABANDON  PLUG AND ABANDON PRODUCTION (START/RESUME COMMINGLE PRODUCING FORMATIONS RECLAMATION OF WELL SITE CONVERT WELL TYPE RECOMPLETE - DIFFERENT FOR  TOWNS AND THE CATION  ATTACHED LIST HAVE BEEN SOLD TO ENERVEST OPERATING, LLC BY BILL E EFFECTIVE 1/1/2014. PLEASE REFER ALL FUTURE CORRESPONDENCE TO THE EnerVest Operating, L.L.C.  1001 Fannin, Suite 800 Houston, Texas 77002	REPERFORATE CURRENT FORMATION SIDETRACK TO REPAIR WELL TEMPORARILY ABANDON TUBING REPAIR VENT OR FLARE WATER DISPOSAL WATER SHUT-OFF OTHER: RMATION This, volumes, etc. THAT THE WELLS LISTED ON THE BILL BARRETT CORPORATION
713-659-3500 (BLM BOND # RLB 7886 , STATE/FEE BOND # BONS 32/	)
•	PERATING, LLC
Duane Zavadi/AME (PLEASE PRINT)  Non 2m/s Signature  Senior Vice President -  EH&S, Government and Regulatory Affairs  N21165	YOUNG NAME (PLEASE PRINT)  LEGULATORY  N4040
PONNIE VOUNG DIRECTO	DR - REGULATORY
SIGNATURE DATE 12/10/201	
(This space for State use on APPROVED	DECEIVED

KECEIVED

JAN 07 2014

JAN 2 8 2013 4 - RT DELOIL GAS & MINING

(See Instructions on Reverse Side)

Well Name	Sec	TWN	RNG API Number E1	ntity Lease	Well Type	Well Status	Unit
JACK CANYON UNIT 8-32	32	120S	160E 4300730460	15167 State	WI	A	
JACK CYN U ST 14-32	32	120S	160E 4300730913	15166 State	WD	A	
PRICKLY PEAR U FED 12-24	24	120S	140E 4300730953	14467 Federal	WD	A	
PPU FED 11-23D-12-15	23	120S	150E 4300731440	Federal	GW	APD	PRICKLY PEAR
PPU FED 4-26D-12-15	23	120S	150E 4300731441	Federal	GW	APD	PRICKLY PEAR
PPU FED 14-23D-12-15	23	120S	150E 4300731442	Federal	GW	APD	PRICKLY PEAR
PPU FED 12-23D-12-15	23	120S	150E 4300731443	Federal	GW .	APD	PRICKLY PEAR
PPU FED 11-34D-12-16	34	120S	160E 4300731465·	Federal	GW	APD	PETERS POINT
PPU FED 10-34D-12-16	34	120S	160E 4300731469	Federal	GW	APD	PETERS POINT
HORSE BENCH FED 4-27D-12-16	27	120S	160E 4300750092	Federal	GW	APD	
HORSE BENCH FED 5-27D-12-16	27	120S	160E 4300750093	Federal	GW	APD	
PRICKLY PEAR U FED 12-7D-12-15	07	120S	150E 4300750094	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR U FED 11-7D-12-15	07	120S	150E 4300750095	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR U FED 13-7D-12-15	07	120S	150E 4300750096	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR U FED 14-7D-12-15	07	120S	150E 4300750097	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 11-8D-12-15	08	120S	150E 4300750124	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 12-8D-12-15	08	120S	150E 4300750125	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 13-8D-12-15	08	120S	150E 4300750126	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 14-8D-12-15	08	120S	150E 4300750127	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9-21D-12-15	21	120S	150E 4300750128	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9A-21D-12-15	21	120S	150E 4300750129	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10-21D-12-15	21	120S	150E 4300750130	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10A-21D-12-15	21	120S	150E 4300750131	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15A-21D-12-15	21	120S	150E 4300750132	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15X-21D-12-15	21	120S	150E 4300750133	Federal	. GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16-21D-12-15	21	120S	150E 4300750134	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16A-21D-12-15	21	120S	150E 4300750135	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 13A-22D-12-15	21	120S	150E 4300750148	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 1A-27D-12-15	22	120S	150E 4300750161	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 2A-27D-12-15	22	120S	150E 4300750162	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 3A-27D-12-15	22	120S	150E 4300750163	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9A-22D-12-15	22	120S	150E 4300750164	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10A-22D-12-15	22	120S	150E 4300750165	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 11A-22D-12-15	22	120S	150E 4300750166	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 12A-22D-12-15	22	120S	150E 4300750167	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 14A-22D-12-15	22	120S	150E 4300750168	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15A-22D-12-15	22	120S	150E 4300750169	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16A-22D-12-15	22	120S	150E 4300750170	Federal	GW	APD	PRICKLY PEAR
PETERS POINT UF 15X-36D-12-16	36	120S	160E 4300750178	Federal	GW	APD	PETERS POINT
PRICKLY PEAR UF 15A-15D-12-15	15	120S	150E 4300750180	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 11B-15D-12-15	15	120S	150E 4300750181	Federal	GW	APD	PRICKLY PEAR
PETERS POINT UF 10-1D-13-16	36	120S	160E 4300750182	Federal	GW	APD	PETERS POINT
PETERS POINT UF 9-1D-13-16	36	120S	160E 4300750183	Federal	GW	APD	PETERS POINT
PRICKLY PEAR UF 16A-15D-12-15	15	120S	150E 4300750184	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 3A-18D-12-15	07	120S	150E 4300750185	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 4A-18D-12-15	07	120S	150E 4300750186	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 11A-7D-12-15	07	120S	150E 4300750187	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 2-18D-12-15	07	120S	150E 4300750188	Federal	GW	APD	PRICKLY PEAR

DDICKLY DDAR HE 10 A GD 10 15	07	1000	150E 4200750190	Endon-1	GW	V DL	PRICKLY PEAR
PRICKLY PEAR UF 12A-7D-12-15 PRICKLY PEAR UF 13A-7D-12-15	07 07	120S 120S	150E 4300750189 150E 4300750190	Federal Federal	GW GW	APD APD	PRICKLY PEAR
	07	120S	150E 4300750191	Federal	GW GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 14A-7D-12-15			140E 4300750205	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR FEDERAL 1-12D-12-14	12 12	120S		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 2-12D-12-14		120S	140E 4300750206				PRICKLY PEAR
PRICKLY PEAR UF 7-12D-12-14	12	120S	140E 4300750207	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7A-12D-12-14	12	120S	140E 4300750208	Federal	GW	APD	
PRICKLY PEAR UF 8-12D-12-14	12	120S	140E 4300750209	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 4-7D-12-15	12	120S	140E 4300750210	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 5-7D-12-15	12	120S	140E 4300750211	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 8A-12D-12-14	12	120S	140E 4300750212	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 5A-7D-12-15	12	120S	140E 4300750213	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7-14D-12-15	14	120S	150E 4300750214	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7A-14D-12-15	14	120S	150E 4300750215	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9-14D-12-15	14	120S	150E 4300750217	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9A-14D-12-15	14	120S	150E 4300750218	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10-14D-12-15	14	120S	150E 4300750219	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10A-14D-12-15	14	120S	150E 4300750220	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15A-14D-12-15	14	120S	150E 4300750222	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16-14D-12-15	14	120S	150E 4300750223	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16A-14D-12-15	14	120S	150E 4300750224	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 1A-18D-12-15	07	120S	150E 4300750225	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 2A-18D-12-15	07	120S	150E 4300750226	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9A-7D-12-15	07	120S	150E 4300750227	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10A-7D-12-15	07	120S	150E 4300750228	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15A-7D-12-15	07	120S	150E 4300750229	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16A-7D-12-15	07	120S	150E 4300750230	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9A-12D-12-14	12	120S	140E 4300750233	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10A-12D-12-14	12	120S	140E 4300750234	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15A-12D-12-14	12	120S	140E 4300750235	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 12A-8D-12-15	08	120S	150E 4300750236	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16A-12D-12-14	12	120S	140E 4300750237	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 11A-8D-12-15	08	120S	150E 4300750238	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 13A-8D-12-15	08	120S	150E 4300750239	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 14A-8D-12-15	08	120S	150E 4300750240	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 5A-8D-12-15	08	120S	150E 4300750260	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6A-8D-12-15	08	120S	150E 4300750261	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 4-8D-12-15	08	120S	150E 4300750262	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 3-8D-12-15	08	120S	150E 4300750263	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 2-8D-12-15	08	120S	150E 4300750264	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7A-8D-12-15	08	120S	150E 4300750265	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7-8D-12-15	08	120S	150E 4300750266	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 5-8D-12-15	08	120S	150E 4300750267	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6-8D-12-15	08	120S	150E 4300750268	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10A-8D-12-15	08	120S	150E 4300750269	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9A-8D-12-15	08	120S	150E 4300750270	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 8-8D-12-15	08	120S	150E 4300750271	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 1-8D-12-15	08	120S	150E 4300750272	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 8A-8D-12-15	08	120S	150E 4300750273	Federal	GW	APD	PRICKLY PEAR

PRICKLY PEAR UF 5-9D-12-15	09	120S	150E 4300750274	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 5A-9D-12-15	09	120S	150E 4300750275	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 4-9D-12-15	09	120S	150E 4300750276	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 3-9D-12-15	09	120S	150E 4300750277	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6A-9D-12-15	09	120S	150E 4300750278	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 11-9D-12-15	09	120S	150E 4300750279	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 12A-9D-12-15	09	120S	150E 4300750280	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6-9D-12-15	09	120S	150E 4300750281	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 11A-9D-12-15	09	120S	150E 4300750282	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR US 1X-16D-12-15	10	120S	150E 4300750283	State	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 5A-15D-12-15	10	120S	150E 4300750284	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6A-15D-12-15	10	120S	150E 4300750285	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 3-15D-13-15	10	120S	150E 4300750286	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15A-10D-12-15	15	120S	150E 4300750287	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 13-10D-12-15	10	120S	150E 4300750288	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15-10D-12-15	15	120S	150E 4300750289	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16A-10D-12-15	15	120S	150E 4300750290	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9-10D-12-15	15	120S	150E 4300750291	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 14A-10D-12-15	10	120S	150E 4300750292	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10-10D-12-15	15	120S	150E 4300750293	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16-10D-12-15	15	120S	150E 4300750294	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 13-11D-12-15	15	120S	150E 4300750295	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 13A-11D-12-15	15	120S	150E 4300750296	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 12-11D-12-15	15	120S	150E 4300750297	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 13A-10D-12-15	10	120S	150E 4300750298	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 12-10D-12-15	10	120S	150E 4300750299	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 11-10D-12-15	10	120S	150E 4300750300	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 3A-15D-12-15	10	120S	150E 4300750301	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 12-14D-12-15	14	120S	150E 4300750302	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 4-15D-12-15	10	120S	150E 4300750303	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 4A-15D-12-15	10	120S	150E 4300750304	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 14-10D-12-15	10	120S	150E 4300750305	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9A-17D-12-15	17	120S	150E 4300750306	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 8A-17D-12-15	17	120S	150E 4300750307	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10A-17D-12-15	17	120S	150E 4300750308	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 3-7D-12-15	07	120S	150E 4300750309	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16A-17D-12-15	17	120S	150E 4300750310	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6-7D-12-15	07	120S	150E 4300750311	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15A-17D-12-15	17	120S	150E 4300750312	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6A-7D-12-15	07	120S	150E 4300750313	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7A-7D-12-15	07	120S	150E 4300750314	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 8A-7D-12-15	07	120S	150E 4300750315	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6X-17D-12-15	17	120S	150E 4300750316	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 11A-17D-12-15	17	120S	150E 4300750317	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15B-17D-12-15	17	120S	150E 4300750318	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 8A-20D-12-15	20	120S	150E 4300750319	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 1-7D-12-15	07	120S	150E 4300750320	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7A-20D-12-15	20	120S	150E 4300750321	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9A-20D-12-15	20	120S	150E 4300750322	Federal	GW	APD	PRICKLY PEAR
TEGERAL TERMS OF SILEON IN 10							

PRICKLY PEAR UF 10A-20D-12-15	20	120S	150E 4300750323	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10-20D-12-15	20	120S	150E 4300750324	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 2-7D-12-15	07	120S	150E 4300750325	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 14A-20D-12-15	20	120S	150E 4300750326	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16A-20D-12-15	20	120S	150E 4300750327	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15A-20D-12-15	20	120S	150E 4300750328	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 8-7D-12-15	07	120S	150E 4300750329	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15-20D-12-15	20	120S	150E 4300750330	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7-7D-12-15	07	120S	150E 4300750331	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6-10D-12-15	09	120S	150E 4300750332	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 5A-10D-12-15	09	120S	150E 4300750333	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 11A-10D-12-15	09	120S	150E 4300750334	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6A-10D-12-15	09	120S	150E 4300750335	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 5-10D-12-15	09	120S	150E 4300750336	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 12A-10D-12-15	09	120S	150E 4300750338	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 3-10D-12-15	09	120S	150E 4300750339	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 4-10D-12-15	09	120S	150E 4300750340	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 8-9D-12-15	09	120S	150E 4300750341	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 8A-9D-12-15	09	120S	150E 4300750342	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7A-9D-12-15	09	120S	150E 4300750343	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7-9D-12-15	09	120S	150E 4300750344	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 1-9D-12-15	09	120S	150E 4300750345	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 2-9D-12-15	09	120S	150E 4300750346	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 1-24D-12-1	24	120S	150E 4300750348	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9-13D-12-15	13	120S	150E 4300750349	Federal	GW	APD	PRICKLY PEAR
HORSE BENCH FED 4-20D-12-17	19	120S	170E 4300750350	Federal	GW	APD	
Horse Bench Federal 16-18D-12-17	19	120S	170E 4300750351	Federal	GW	APD	
PPU FED 9-34D-12-16	34	120S	160E 4300731430	17225 Federal	GW	OPS	PETERS POINT
PPU FED 15-35D-12-16	35	120S	160E 4300731475	2470 Federal	GW	OPS	PETERS POINT
PETERS POINT U FED 12A-6D-13-17	31	120S	170E 4300750034	2470 Federal	GW	OPS	PETERS POINT
PETERS POINT U FED 11A-31D-12-17	31	120S	170E 4300750036	2470 Federal	GW	OPS	PETERS POINT
PRICKLY PEAR U FED 7-21D-12-15	21	120S	150E 4300750055	14794 Federal	GW	OPS	PRICKLY PEAR
PETERS POINT U FED 9-6D-13-17	06	130S	170E 4300750120	2470 Federal	GW	OPS	PETERS POINT
PETERS POINT U FED 14-6D-13-17	06	130S	170E 4300750121	2470 Federal	GW	OPS	PETERS POINT
PETERS POINT U FED 15-6D-13-17	06	130S	170E 4300750121	2470 Federal	GW	OPS	PETERS POINT
PETERS POINT UF 2-7D-13-17	06		170E 4300750149	2470 Federal	GW	OPS	PETERS POINT
PETERS POINT UF 1-7D-13-17	06	130S	170E 4300750150	2470 Federal	GW	OPS	PETERS POINT
PRICKLY PEAR US 1A-16D-12-15	09	120S	150E 4300750192	14794 State	GW	OPS	PRICKLY PEAR
PRICKLY PEAR US 2A-16D-12-15	09	120S	150E 4300750192	14794 State	GW	OPS	PRICKLY PEAR
PRICKLY PEAR US 2-16D-12-15	09	120S	150E 4300750194	14794 State	GW	OPS	PRICKLY PEAR
PRICKLY PEAR UF 9A-9D-12-15	09	120S	150E 4300750194	14794 Federal	GW	OPS	PRICKLY PEAR
PRICKLY PEAR UF 10-9D-12-15	09	120S	150E 4300750190	14794 Federal	GW	OPS	PRICKLY PEAR
PRICKLY PEAR UF 10A-9D-12-15	09	120S	150E 4300750197	14794 Federal	GW	OPS	PRICKLY PEAR
PRICKLY PEAR UF 14-9D-12-15	09	120S	150E 4300750199	14794 Federal	GW GW	OPS OPS	PRICKLY PEAR PRICKLY PEAR
PRICKLY PEAR UF 14A-9D-12-15	09	120S	150E 4300750200	14794 Federal	GW		
PRICKLY PEAR UF 15-9D-12-15	09	120S	150E 4300750201	14794 Federal	GW	OPS	PRICKLY PEAR
PRICKLY PEAR UF 15A-9D-12-15	09	120S	150E 4300750203	14794 Federal	GW	OPS	PRICKLY PEAR
PRICKLY PEAR UF 16A-9D-12-15	09	120S	150E 4300750204	14794 Federal	GW	OPS	PRICKLY PEAR
SHARPLES 1 GOVT PICKRELL	11	120S	150E 4300716045	7030 Federal	GW	P	

STONE CABIN UNIT 1	13	120S	140E 4300716542	12052 Federal	GW	P	
STONE CABIN FED 1-11	11	120S	140E 4300730014	6046 Federal	GW	P	
STONE CABIN FED 2-B-27	27	120S	150E 4300730018	14794 Federal	GW	P	PRICKLY PEAR
JACK CANYON 101-A	33	120S	160E 4300730049	2455 Federal	GW	P	
PETERS POINT ST 2-2-13-16	02	130S	160E 4300730521	14387 State	GW	P	
PRICKLY PEAR ST 16-15	16	120S	150E 4300730522	14794 State	GW	P	PRICKLY PEAR
PETERS POINT U FED 36-2	36	120S	160E 4300730761	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 36-3	36	120S	160E 4300730762	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 36-4	36	120S	160E 4300730763	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 14-25D-12-16	36	120S	160E 4300730764	2470 Federal	GW	P	PETERS POINT
HUNT RANCH 3-4	03	120S	150E 4300730775	13158 State	GW	Ρ.,	
PETERS POINT U FED 4-31D-12-17	36	120S	160E 4300730810	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 16-26D-12-16	36	120S	160E 4300730812	2470 Federal	GW	P	PETERS POINT
PRICKLY PEAR UNIT 13-4	13	120S	140E 4300730825	14353 Federal	GW	P	
PRICKLY PEAR UNIT 21-2	21	120S	150E 4300730828	14794 Federal	GW	P	PRICKLY PEAR
PETERS POINT U FED 6-7D-13-17	06	130S	170E 4300730859	14692 Federal	GW	P	PETERS POINT
PETERS POINT ST 4-2-13-16	02	130S	160E 4300730866	14386 State	GW	P	
PRICKLY PEAR U ST 13-16	16	120S	150E 4300730933	14794 State	GW	P	PRICKLY PEAR
PRICKLY PEAR U ST 11-16	16	120S	150E 4300730944	14794 State	GW	P	PRICKLY PEAR
PRICKLY PEAR U ST 7-16	16	120S	150E 4300730945	14794 State	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 7-25	25	120S	150E 4300730954	14794 Federal	GW	P	PRICKLY PEAR
PETERS POINT U FED 16-35	35	120S	160E 4300730965	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 11-6-13-17	06	130S	170E 4300730982	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 16-6D-13-17	06	130S	170E 4300731004	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 16-31D-12-17	06	130S	170E 4300731005	2470 Federal	GW	P	PETERS POINT
PRICKLY PEAR U FED 5-13-12-14	13	120S	140E 4300731008	14897 Federal	GW	P	•
PETERS POINT U FED 12-31D-12-17	36	120S	160E 4300731009	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 2-36D-12-16	36	120S	160E 4300731010	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 9-36-12-16	36	120S	160E 4300731011	2470 Federal	GW	P	PETERS POINT
PRICKLY PEAR U ST 36-06	36	120S	150E 4300731018	14794 State	GW	P	PRICKLY PEAR
PETERS POINT U FED 8-35D-12-16	36	120S	160E 4300731024	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 4-12D-13-16	02	130S	160E 4300731049	14692 Federal	GW	P	PETERS POINT
PETERS POINT ST 5-2D-13-16 DEEP	02	130S	160E 4300731056	15909 State	GW	P	
PRICKLY PEAR U FED 13-23-12-15	23	120S	150E 4300731073	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 1-27D-12-15	23	120S	150E 4300731074	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 3-26D-12-15	23	120S	150E 4300731075	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 15-22D-12-15	23	120S	150E 4300731076	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 3-28D-12-15	21	120S	150E 4300731121	14794 Federal	GW	P	PRICKLY PEAR
PETERS POINT U FED 2-12D-13-16	06	130S	170E 4300731158	14692 Federal	GW	P	PETERS POINT
PRICKLY PEAR U FED 15-21-12-15	21	120S	150E 4300731164	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 7-28D-12-15	21	120S	150E 4300731165	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 13-21D-12-15	21	120S	150E 4300731166	14794 Federal	GW	P	PRICKLY PEAR
PETERS POINT U FED 10-36D-12-16	36	120S	160E 4300731174	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 12-36D-12-16	36	120S	160E 4300731175	2470 Federal	GW	P	PETERS POINT
PRICKLY PEAR U FED 15-17-12-15	17	120S	150E 4300731183	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 11-17D-12-15	17	120S	150E 4300731184	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 7-22D-12-15	22	120S	150E 4300731186	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 3-22-12-15	22	120S	150E 4300731187	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 5-22D-12-15	22	120S	150E 4300731188	14794 Federal	GW	P	PRICKLY PEAR

PRICKLY PEAR 11-15D-12-15	22	120S	150E 4300731189	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 9-18D-12-15	18	120S	150E 4300731192	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 15-18-12-15	18	120S	150E 4300731193	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 16-27D-12-15	27	120S	150E 4300731194	15569 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 12-27D-12-15	27	120S	150E 4300731195	15568 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 10-27-12-15	27	120S	150E 4300731196	15570 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 9-20D-12-15	20	120S	150E 4300731197	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 7-20-12-15	20	120S	150E 4300731198	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 1-20-12-15	20	120S	150E 4300731206	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U ST 2-36-12-15	36	120S	150E 4300731226	15719 State	GW	P	
PRICKLY PEAR U ST 4-36-12-15	36	120S	150E 4300731227	14794 State	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 4-27D-12-15	22	120S	150E 4300731237	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 13-22-12-15	22	120S	150E 4300731238	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 3-27D-12-15	22	120S	150E 4300731239	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U ST 9-16-12-15	16	120S	150E 4300731240	14794 State	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 9-28D-12-15	28	120S	150E 4300731241	16028 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 5-27D-12-15	28	120S	150E 4300731242	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 1-28-12-15	28	120S	150E 4300731243	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 8-28D-12-15	28	120S	150E 4300731244	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U ST 1-16-12-15	16	120S	150E 4300731245	14794 State	GW	P	PRICKLY PEAR
PPU FED 11-18D-12-15	18	120S	150E 4300731257	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 11-20D-12-15	20	120S	150E 4300731258	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 4-25D-12-15	25	120S	150E 4300731259	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 12-25D-12-15	25	120S	150E 4300731260	16068 Federal	GW	P	PRICKLY PEAR
PPU FED 15-6D-13-17	06	130S	170E 4300731261	16103 Federal	GW	P	PETERS POINT
PP UF 3-36-12-16	36	120S	160E 4300731271	2470 Federal	GW	P	PETERS POINT
PP UF 6-36-12-16	36	120S	160E 4300731272	2470 Federal	GW	P	PETERS POINT
PPU FED 6-35D-12-16	35	120S	160E 4300731275	2470 Federal	GW	P	PETERS POINT
PPU FED 14-26D-12-16	26	120S	160E 4300731277	2470 Federal	GW	P	PETERS POINT
PPU FED 8-34-12-16	34	120S	160E 4300731277	2470 Federal	GW	P	PETERS POINT
PP ST 8-2D-13-16 (DEEP)	02	130S	160E 4300731280	16069 State	GW	P	121213131(1
PPU FED 6-34D-12-16	34	120S	160E 4300731281	2470 Federal	GW	P	PETERS POINT
PPU FED 14-26D-12-15	35	120S	150E 4300731282	16224 Federal	GW	P	PRICKLY PEAR
PPU FED 2-35-12-15	35	120S	150E 4300731283	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 10-26D-12-15	35	120S	150E 4300731284	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 9-17-12-15	17	120S	150E 4300731287	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 1-17D-12-15	17	120S	150E 4300731288	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 7-17D-12-15	17	120S	150E 4300731289	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 7-1D-13-16 ULTRA DEEP	06	130S	170E 4300731293	14692 Federal	GW	P	PETERS POINT
PPU FED 1-18D-12-15	18	120S	150E 4300731294	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 7-18D-12-15	18	120S	150E 4300731295	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 5-17D-12-15	18	120S	150E 4300731296	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 10-17D-12-15	17	120S	150E 4300731307	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 8-17D-12-15	17	120S	150E 4300731307	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 12-17D-12-15	17	120S	150E 4300731309	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 13-17D-12-15	17	120S	150E 4300731310	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 13-17D-12-15	17	120S	150E 4300731310	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 16-18D-12-15	17	120S	150E 4300731311 150E 4300731312	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 8-18D-12-15	18	120S	150E 4300731312	14794 Federal	GW	P	PRICKLY PEAR
11 O TED 0-10D-12-13	10	1203	1005 4000/01010	14/94 Peucial	O W	4	INICKLITEAN

PPU FED 3-18D-12-15	18	120S	150E 4300731314	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 4-18-12-15	18	120S	150E 4300731315	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 5-18D-12-15	18	120S	150E 4300731316	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 6-18D-12-15	18	120S	150E 4300731317	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 16-27-12-16	27	120S	160E 4300731318	2470 Federal	GW	P	PETERS POINT
PPU FED 10-27D-12-16	27	120S	160E 4300731319	2470 Federal	GW	P	PETERS POINT
PPU FED 2-34D-12-16	34	120S	160E 4300731320	2470 Federal	GW	P	PETERS POINT
PPU FED 16-17D-12-15	17	120S	150E 4300731321	14794 Federal	GW	P	PRICKLY PEAR
PPU ST 15-16D-12-15	16	120S	150E 4300731322	14794 State	GW	P	PRICKLY PEAR
PPU ST 16-16D-12-15	16	120S	150E 4300731323	14794 State	GW	P	PRICKLY PEAR
PPU ST 14-16D-12-15	16	120S	150E 4300731324	14794 State	GW	P	PRICKLY PEAR
PPU FED 2-7D-13-17 DEEP	06	130S	170E 4300731326	14692 Federal	GW	P	PETERS POINT
PPU FED 3-21D-12-15	21	120S	150E 4300731328	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 4-21D-12-15	21	120S	150E 4300731329	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 2-35D-12-16	35	120S	160E 4300731345	2470 Federal	GW	P	PETERS POINT
PPU FED 7-35D-12-16	35	120S	160E 4300731346	2470 Federal	GW	P	PETERS POINT
PPU FED 4-35D-12-16	35	120S	160E 4300731347	2470 Federal	GW	P	PETERS POINT
PPU FED 7-36D-12-16	36	120S	160E 4300731348	2470 Federal	GW	P	PETERS POINT
PPU FED 11-36D-12-16	36	120S	160E 4300731349	2470 Federal	GW	P	PETERS POINT
PPU FED 15-25D-12-16	36	120S	160E 4300731351	2470 Federal	GW	P	PETERS POINT
PPU FED 13-25D-12-16	36	120S	160E 4300731352	2470 Federal	GW	P	PETERS POINT
PPU FED 4-36D-12-16	36	120S	160E 4300731353	2470 Federal	GW	P	PETERS POINT
PPU FED 13-15D-12-15	22	120S	150E 4300731358	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 14-15D-12-15	22	120S	150E 4300731359	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 4-22D-12-15	22	120S	150E 4300731360	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 6-22D-12-15	22	120S	150E 4300731361	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 2-28D-12-15	28	120S	150E 4300731362	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 16X-21D-12-15	28	120S	150E 4300731363	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 5A-27D-12-15	28	120S	150E 4300731364	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 1-35D-12-16	35	120S	160E 4300731365	2470 Federal	GW	P	PETERS POINT
PPU FED 1A-28D-12-15	28	120S	150E 4300731368	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 14A-18D-12-15	18	120S	150E 4300731393	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 10-18D-12-15	18	120S	150E 4300731394	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 15A-18D-12-15	18	120S	150E 4300731395	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 16A-18D-12-15	18	120S	150E 4300731396	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 12-22D-12-15	22	120S	150E 4300731398	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 11-22D-12-15	22	120S	150E 4300731399	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 14-22D-12-15	22	120S	150E 4300731400	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 4A-27D-12-15	22	120S	150E 4300731401	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 13-26D-12-16	26	120S	160E 4300731403	2470 Federal	GW	P	PETERS POINT
PPU FED 15-26D-12-16	26	120S	160E 4300731404	2470 Federal	GW	P	PETERS POINT
PPU FED 3-35D-12-16	26	120S	160E 4300731405	2470 Federal	GW	P	PETERS POINT
PPU FED 10-26D-12-16	26	120S	160E 4300731406	2470 Federal	GW	P	PETERS POINT
PPU FED 11-26D-12-16	26	120S	160E 4300731407	2470 Federal	GW	P	PETERS POINT
PPU FED 12-26D-12-16	26	120S	160E 4300731408	2470 Federal	GW	P	PETERS POINT
PPU FED 11-27D-12-16	27	120S	160E 4300731409	2470 Federal	GW	P	PETERS POINT
PPU FED 15-27D-12-16	27	120S	160E 4300731410	2470 Federal	GW	P	PETERS POINT
PPU FED 9-27D-12-16	27	120S	160E 4300731411	2470 Federal	GW	P	PETERS POINT
PPU FED 11-21D-12-15	21	120S	150E 4300731412	14794 Federal	GW	P	PRICKLY PEAR

PPU FED 6-21D-12-15	21	120S	150E 4300731413	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 12-21D-12-15	21	120S	150E 4300731414	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 8-20D-12-15	20	120S	150E 4300731419	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 1A-20D-12-15	20	120S	150E 4300731420	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 2-20D-12-15	20	120S	150E 4300731421	14794 Federal	GW	P	PRICKLY PEAR
PPU ST 7A-16D-12-15	16	120S	150E 4300731422	14794 State	GW	P	PRICKLY PEAR
PPU ST 6-16D-12-15	16	120S	150E 4300731423	14794 State	GW	P	PRICKLY PEAR
PPU ST 10A-16D-12-15	16	120S	150E 4300731424	14794 State	GW	P	PRICKLY PEAR
PPU ST 3-16D-12-15	16	120S	150E 4300731425	14794 State	GW	P	PRICKLY PEAR
PPU FED 1-34D-12-16	34	120S	160E 4300731427	2470 Federal	GW	P	PETERS POINT
PPU FED 7-34D-12-16	34	120S	160E 4300731428	2470 Federal	GW	P	PETERS POINT
PPU FED 5-35D-12-16	34	120S	160E 4300731429	2470 Federal	GW	P	PETERS POINT
PPU FED 5-21D-12-15	21	120S	150E 4300731451	14794 Federal	GW	P	PRICKLY PEAR
PPU ST 8-16D-12-15	16	120S	150E 4300731455	14794 State	GW	P	PRICKLY PEAR
PPU ST 12-16D-12-15	16	120S	150E 4300731456	14794 State	GW	P	PRICKLY PEAR
PPU ST 12A-16D-12-15	16	120S	150E 4300731457	14794 State	GW	P	PRICKLY PEAR
PPU ST 15A-16D-12-15	16	120S	150E 4300731458	14794 State	GW	P	PRICKLY PEAR
PPU ST 10-16D-12-15	16	120S	150E 4300731459	14794 State	GW	P	PRICKLY PEAR
PPU ST 11A-16D-12-15	16	120S	150E 4300731460	14794 State	GW	P	PRICKLY PEAR
PPU ST 13A-16D-12-15	16	120S	150E 4300731461	14794 State	GW	P	PRICKLY PEAR
PPU FED 3-34D-12-16	34	120S	160E 4300731466	2470 Federal	GW	P	PETERS POINT
PPU FED 5-34D-12-16	34	120S	160E 4300731467	2470 Federal	GW	P	PETERS POINT
PPU FED 4-34D-12-16	34	120S	160E 4300731468	2470 Federal	GW	P	PETERS POINT
PPU FED 10-7D-12-15	07	120S	150E 4300731470	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 15-7D-12-15	07	120S	150E 4300731471	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 9-7D-12-15	07	120S	150E 4300731472	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 16-7D-12-15	07	120S	150E 4300731473	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 10-35D-12-16	35	120S	160E 4300731474	2470 Federal	GW	P	PETERS POINT
PPU FED 9-35D-12-16	35	120S	160E 4300731476	2470 Federal	GW	P	PETERS POINT
PPU ST 6A-16D-12-15	16	120S	150E 4300731477	14794 State	GW	P	PRICKLY PEAR
PPU ST 4-16D-12-15	16	120S	150E 4300731478	14794 State	GW	P	PRICKLY PEAR
PPU ST 4A-16D-12-15	16	120S	150E 4300731479	14794 State	GW	P	PRICKLY PEAR
PPU ST 5A-16D-12-15	16	120S	150E 4300731480	14794 State	GW	P	PRICKLY PEAR
PPU ST 3A-16D-12-15	16	120S	150E 4300731481	14794 State	GW	P	PRICKLY PEAR
PPU ST 16A-16D-12-15	16	120S	150E 4300731484	14794 State	GW	P	PRICKLY PEAR
PPU ST 9A-16D-12-15	16	120S	150E 4300731485	14794 State	GW	P	PRICKLY PEAR
PPU ST 16B-16D-12-15	16	120S	150E 4300731514	14794 State	GW	P	PRICKLY PEAR
PPU ST 14B-16D-12-15	16	120S	150E 4300731515	14794 State	GW	P	PRICKLY PEAR
PPU ST 13B-16D-12-15	16	120S	150E 4300731516	14794 State	GW	P	PRICKLY PEAR
PETERS POINT U FED 9-26D-12-16	25	120S	160E 4300750021	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 11-25D-12-16	25	120S	160E 4300750022	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 10-31D-12-17	31	120S	170E 4300750023	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 11-31D-12-17	31	120S	170E 4300750024	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 13A-31D-12-17	31	120S	170E 4300750025	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 13-31D-12-17	31	120S	170E 4300750026	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 14-31D-12-17	31	120S	170E 4300750027	2470 Federal	ĠW	P	PETERS POINT
PETERS POINT U FED 14A-31D-12-17	31	120S	170E 4300750028	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 12-25D-12-16	25	120S	160E 4300750029	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 12-6D-13-17	31	120S	170E 4300750033	2470 Federal	GW	P	PETERS POINT

PETERS POINT U FED 10-25D-12-16	25	120S	160E 4300750035	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 13-36D-12-16	36	120S	160E 4300750037	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 15-36D-12-16	36	120S	160E 4300750038	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 11-1D-13-16	36	120S	160E 4300750039	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 12-1D-13-16	36	120S	160E 4300750040	2470 Federal	GW	P	PETERS POINT
PRICKLY PEAR U FED 9-22D-12-15	22	120S	150E 4300750041	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 10-22D-12-15	22	120S	150E 4300750042	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 16-22D-12-15	22	120S	150E 4300750043	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 2-27D-12-15	22	120S	150E 4300750044	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 16-15D-12-15	15	120S	150E 4300750045	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 15-15D-12-15	15	120S	150E 4300750046	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 10-15D-12-15	15	120S	150E 4300750047	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 9-15D-12-15	15	120S	150E 4300750048	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 11A-15D-12-15	15	120S	150E 4300750049	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 1-21D-12-15	21	120S	150E 4300750050	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 2-21D-12-15	21	120S	150E 4300750051	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 2A-21D-12-15	21	120S	150E 4300750052	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 4A-22D-12-15	21	120S	150E 4300750053	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 5A-22D-12-15	21	120S	150E 4300750054	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 7A-21D-12-15	21	120S	150E 4300750056	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 8-21D-12-15	21	120S	150E 4300750057	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 8A-21D-12-15	21	120S	150E 4300750058	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 16-8D-12-15	08	120S	150E 4300750059	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 15-8D-12-15	08	120S	150E 4300750060	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 2-17D-12-15	08	120S	150E 4300750061	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 1A-17D-12-15	08	120S	150E 4300750062	14794 Federal	GW	P	PRICKLY PEAR
PETERS POINT U FED 3A-34D-12-16	27	120S	160E 4300750063	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 4A-34D-12-16	27	120S	160E 4300750064	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 12-27D-12-16	27	120S	160E 4300750065	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 13-27D-12-16	27	120S	160E 4300750066	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 13A-27D-12-16	27	120S	160E 4300750067	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 14-27D-12-16	27	120S	160E 4300750068	18204 Federal	GW	P	
PETERS POINT U FED 14A-27D-12-16	27	120S	160E 4300750069	2470 Federal	GW	P	PETERS POINT
PRICKLY PEAR U FED 1-22D-12-15	22	120S	150E 4300750076	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 2-22D-12-15	22	120S	150E 4300750077	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 8-22D-12-15	22	120S	150E 4300750078	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 3-17D-12-15	17	120S	150E 4300750079	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 3A-17D-12-15	17	120S	150E 4300750080	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 4-17D-12-15	17	120S	150E 4300750081	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 4A-17D-12-15	17	120S	150E 4300750082	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 5A-17D-12-15	17	120S	150E 4300750083	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR Ú FED 6-17D-12-15	17	120S	150E 4300750084	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 6A-17D-12-15	17	120S	150E 4300750085	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 7A-17D-12-15	17	120S	150E 4300750086	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 12A-17D-12-15	17	120S	150E 4300750087	14794 Federal	GW	Ρ.,	PRICKLY PEAR
PRICKLY PEAR U FED 9-12D-12-14	12	120S	140E 4300750088	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 10-12D-12-14	12	120S	140E 4300750089	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 15-12D-12-14	12	120S	140E 4300750090	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 16-12D-12-14	12	120S	140E 4300750091	14794 Federal	GW	P	PRICKLY PEAR

	PRICKLY PEAR U FED 3-20D-12-15	20	120S	150E 4300750098	14794 Federal	GW	P	PRICKLY PEAR
	PRICKLY PEAR U FED 3A-20D-12-15	20	120S	150E 4300750099	14794 Federal	GW	P	PRICKLY PEAR
	PRICKLY PEAR U FED 4-20D-12-15	20	120S	150E 4300750100	14794 Federal	GW	P	PRICKLY PEAR
	PRICKLY PEAR U FED 4A-20D-12-15	20	120S	150E 4300750101	14794 Federal	GW	P	PRICKLY PEAR
	PRICKLY PEAR U FED 5-20D-12-15	20	120S	150E 4300750102	14794 Federal	GW	P	PRICKLY PEAR
	PRICKLY PEAR U FED 6-20D-12-15	20	120S	150E 4300750104	14794 Federal	GW	P	PRICKLY PEAR
	PRICKLY PEAR U FED 6A-20D-12-15	20	120S	150E 4300750105	14794 Federal	GW	P	PRICKLY PEAR
	PRICKLY PEAR U FED 11A-20D-12-15	20	120S	150E 4300750106	14794 Federal	GW	P	PRICKLY PEAR
	PRICKLY PEAR U FED 12A-20D-12-15	20	120S	150E 4300750107	14794 Federal	GW	P	PRICKLY PEAR
	PETERS POINT U FED 5-31D-12-17	36	120S	160E 4300750109	2470 Federal	GW	P	PETERS POINT
	PETERS POINT U FED 6-31D-12-17	36	120S	160E 4300750116	2470 Federal	GW	P	PETERS POINT
	PETERS POINT U FED 9X-36D-12-16	36	120S	160E 4300750117	2470 Federal	GW	P	PETERS POINT
	PETERS POINT U FED 1-36D-12-16	36	120S	160E 4300750118	2470 Federal	GW	P	PETERS POINT
	PETERS POINT U FED 10-6D-13-17	06	130S	170E 4300750119	2470 Federal	GW	P	PETERS POINT
	PETERS POINT U FED 15-31D-12-17	06	130S	170E 4300750123	2470 Federal	GW	P	PETERS POINT
	PRICKLY PEAR UF 7A-18D-12-15	17	120S	150E 4300750136	14794 Federal	GW	P	PRICKLY PEAR
	PRICKLY PEAR UF 8A-18D-12-15	17	120S	150E 4300750137	14794 Federal	GW	P	PRICKLY PEAR
	PRICKLY PEAR UF 9A-18D-12-15	17	120S	150E 4300750138	14794 Federal	GW	P	PRICKLY PEAR
	PRICKLY PEAR UF 12-20D-12-15	20	120S	150E 4300750139	14794 Federal	GW	P	PRICKLY PEAR
	PRICKLY PEAR UF 16A-8D-12-15	08	120S	150E 4300750140	14794 Federal	GW	P	PRICKLY PEAR
	PRICKLY PEAR UF 15A-8D-12-15	08	120S	150E 4300750141	14794 Federal	GW	P	PRICKLY PEAR
	PRICKLY PEAR UF 13A-9D-12-15	08	120S	150E 4300750142	14794 Federal	GW	P	PRICKLY PEAR
•	PRICKLY PEAR UF 13-9D-12-15	08	120S	150E 4300750143	14794 Federal	GW	P	PRICKLY PEAR
	PRICKLY PEAR UF 12-9D-12-15	08	120S	150E 4300750144	14794 Federal	GW	P	PRICKLY PEAR
	PRICKLY PEAR UF 10-8D-12-15	08	120S	150E 4300750145	14794 Federal	GW	P	PRICKLY PEAR
	PRICKLY PEAR UF 9-8D-12-15	08	120S	150E 4300750146	14794 Federal	GW	P	PRICKLY PEAR
	PRICKLY PEAR UF 2A-17D-12-15	08	120S	150E 4300750147	14794 Federal	GW	P	PRICKLY PEAR
	PETERS POINT UF 12-5D-13-17	06	130S	170E 4300750151	2470 Federal	GW	P	PETERS POINT
	PETERS POINT UF 13-5D-13-17	06	130S	170E 4300750152	2470 Federal	GW	P	PETERS POINT
	PETERS POINT UF 13-30D-12-17	30	120S	170E 4300750153	18347 Federal	GW	P	PETERS POINT
	PETERS POINT UF 14-30D-12-17	30	120S	170E 4300750154	18350 Federal	GW	P	PETERS POINT
	PETERS POINT UF 12-30D-12-17	30	120S	170E 4300750155	18346 Federal	GW	P	PETERS POINT
	PETERS POINT UF 11-30D-12-17	30	120S	170E 4300750156	18348 Federal	GW	P	PETERS POINT
	PETERS POINT UF 3-31D-12-17	30	120S	170E 4300750157	2470 Federal	GW	P	PETERS POINT
	PETERS POINT UF 2-31D-12-17	30	120S	170E 4300750158	18349 Federal	GW	P	PETERS POINT
	PETERS POINT UF 16-25D-12-16	30	120S	170E 4300750159	2470 Federal	GW	P	PETERS POINT
	PETERS POINT UF 9-25D-12-16	30	120S	170E 4300750160	2470 Federal	GW	P	PETERS POINT
	PRICKLY PEAR UF 1A-22D-12-15	22	120S	150E 4300750171	14794 Federal	GW	P	PRICKLY PEAR
	PRICKLY PEAR UF 6A-22D-12-15	22	120S	150E 4300750173	14794 Federal	GW	P	PRICKLY PEAR
	PRICKLY PEAR UF 7A-22D-12-15	22	120S	150E 4300750174	14794 Federal	GW	P	PRICKLY PEAR
	PRICKLY PEAR UF 8A-22D-12-15	22	120S	150E 4300750175	14794 Federal	GW	P	PRICKLY PEAR
	PRICKLY PEAR UF 14B-15D-12-15	22	120S	150E 4300750176	14794 Federal	GW	P	PRICKLY PEAR
	PRICKLY PEAR UF 9-9D-12-15	09	120S	150E 4300750195	14794 Federal	GW	P	PRICKLY PEAR
	PRICKLY PEAR UF 16-9D-12-15	09	120S	150E 4300750202	14794 Federal	GW	P	PRICKLY PEAR
	PRICKLY PEAR UF 8-14D-12-15	14	120S	150E 4300750216	18289 Federal	GW	P	PRICKLY PEAR
	PRICKLY PEAR UF 15-14D-12-15	14	120S	150E 4300750221	18290 Federal	GW	P	PRICKLY PEAR
	PETERS POINT UF 7X-36D-12-16	36	120S	160E 4300750231	2470 Federal	GW	P	PETERS POINT
	PETERS POINT UF 8-36D-12-16	36	120S	160E 4300750232	2470 Federal	GW	P	PETERS POINT
	PETERS POINT ST 6-2D-13-16	02	130S	160E 4300731017	14472 State	D	PA	

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PTS 33-36 STATE	36	110S	140E 4301330486	6190 State	GW	PA	ARGYLE
PRICKLY PEAR U FED 10-4	10	120S	140E 4300730823	14462 Federal	GW	S	
PRICKLY PEAR U FASSELIN 5-19-12-15	19	120S	150E 4300730860	14853 Fee	GW	S	
PRICKLY PEAR U ST 5-16	16	120S	150E 4300730943	14794 State	GW	S	PRICKLY PEAR
PRICKLY PEAR U FED 7-33D-12-15	33	120S	150E 4300730985	14771 Federal	GW	S	
PETERS POINT ST 8-2D-13-16	02	130S	160E 4300731016	14471 State	GW	S	
PPU FED 4-35D-12-15	35	120S	150E 4300731285	16223 Federal	GW	S	PRICKLY PEAR
PPU FED 5-36D-12-16	36	120S	160E 4300731350	2470 Federal	GW	S	PETERS POINT
PRICKLY PEAR U FED 5A-20D-12-15	20	120S	150E 4300750103	14794 Federal	GW	S	PRICKLY PEAR
PRICKLY PEAR U FED 13A-17D-12-15	20	120S	150E 4300750108	14794 Federal	GW	S	PRICKLY PEAR
PRICKLY PEAR UF 2A-22D-12-15	22	120S	150E 4300750172	14794 Federal	GW	S	PRICKLY PEAR